

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF063025\
Data File : FF016037.D
Signal(s) : FID2B.ch
Acq On : 30 Jun 2025 14:39
Sample : Q2409-02
Misc :
ALS Vial : 73 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.920	1.900	1.949	BV	173	2356	0.05%	0.001%
2	1.952	1.949	2.012	PV	140	1555	0.04%	0.001%
3	2.016	2.012	2.055	PV	76	811	0.02%	0.000%
4	2.070	2.055	2.079	PV	126	1052	0.02%	0.001%
5	2.085	2.079	2.150	VV	162	3049	0.07%	0.002%
6	2.153	2.150	2.168	PV	139	825	0.02%	0.001%
7	2.181	2.168	2.218	VV	179	2668	0.06%	0.002%
8	2.225	2.218	2.283	VV	95	3107	0.07%	0.002%
9	2.295	2.283	2.355	PV	367	8576	0.20%	0.005%
10	2.387	2.355	2.409	VV	458	7595	0.17%	0.005%
11	2.413	2.409	2.489	VV	296	5703	0.13%	0.003%
12	2.495	2.489	2.510	PV	99	944	0.02%	0.001%
13	2.517	2.510	2.523	VV	143	646	0.01%	0.000%
14	2.537	2.523	2.545	VV	152	792	0.02%	0.000%
15	2.547	2.545	2.560	VV	81	517	0.01%	0.000%
16	2.563	2.560	2.578	VV	121	818	0.02%	0.001%
17	2.585	2.578	2.595	VV	106	701	0.02%	0.000%
18	2.601	2.595	2.621	PV	131	1126	0.03%	0.001%
19	2.624	2.621	2.643	VV	195	876	0.02%	0.001%
20	2.664	2.643	2.701	VV	537	7952	0.18%	0.005%
21	2.705	2.701	2.715	PV	94	514	0.01%	0.000%
22	2.727	2.715	2.733	VV	98	685	0.02%	0.000%
23	2.746	2.733	2.750	VV	140	787	0.02%	0.000%
24	2.773	2.750	2.825	VV	1886	30293	0.69%	0.019%
25	2.832	2.825	2.852	VV	160	1522	0.03%	0.001%
26	2.857	2.852	2.875	VV	110	990	0.02%	0.001%
27	2.883	2.875	2.896	VV	209	1870	0.04%	0.001%
28	2.907	2.896	2.933	VV	233	3123	0.07%	0.002%
29	2.938	2.933	2.943	VV	151	605	0.01%	0.000%
30	2.947	2.943	2.965	VV	157	1276	0.03%	0.001%
31	2.997	2.965	3.029	VV	386	8704	0.20%	0.005%
32	3.052	3.029	3.088	VV	8496	95949	2.18%	0.059%
33	3.103	3.088	3.115	VV	205	2396	0.05%	0.001%
34	3.122	3.115	3.127	VV	122	613	0.01%	0.000%
35	3.137	3.127	3.155	VV	196	2057	0.05%	0.001%
36	3.163	3.155	3.185	VV	168	2360	0.05%	0.001%

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37	3.193	3.185	3.204	VV	104	841	0.02%	0.001%
38	3.207	3.204	3.212	VV	163	433	0.01%	0.000%
39	3.217	3.212	3.234	VV	133	924	0.02%	0.001%
40	3.238	3.234	3.257	PV	101	1068	0.02%	0.001%
41	3.276	3.257	3.332	VV	399	9684	0.22%	0.006%
42	3.335	3.332	3.343	VV	183	859	0.02%	0.001%
43	3.361	3.343	3.398	VV	492	8297	0.19%	0.005%
44	3.401	3.398	3.410	VV	160	921	0.02%	0.001%
45	3.413	3.410	3.435	VV	155	1234	0.03%	0.001%
46	3.438	3.435	3.453	VV	113	653	0.01%	0.000%
47	3.456	3.453	3.460	VV	124	354	0.01%	0.000%
48	3.479	3.460	3.501	VV	541	7204	0.16%	0.004%
49	3.506	3.501	3.522	VV	228	1754	0.04%	0.001%
50	3.536	3.522	3.559	VV	186	2501	0.06%	0.002%
51	3.573	3.559	3.595	PV	173	2472	0.06%	0.002%
52	3.606	3.595	3.644	VV	154	2569	0.06%	0.002%
53	3.650	3.644	3.658	VV	132	624	0.01%	0.000%
54	3.677	3.658	3.688	VV	210	2061	0.05%	0.001%
55	3.711	3.688	3.750	VV	321	7347	0.17%	0.004%
56	3.762	3.750	3.779	VV	170	2172	0.05%	0.001%
57	3.783	3.779	3.788	VV	165	739	0.02%	0.000%
58	3.790	3.788	3.797	VV	163	642	0.01%	0.000%
59	3.818	3.797	3.841	VV	242	4466	0.10%	0.003%
60	3.848	3.841	3.873	VV	278	3702	0.08%	0.002%
61	3.876	3.873	3.881	VV	224	742	0.02%	0.000%
62	3.893	3.881	3.919	VV	248	3608	0.08%	0.002%
63	3.924	3.919	3.936	VV	162	1186	0.03%	0.001%
64	3.949	3.936	3.962	VV	349	3666	0.08%	0.002%
65	3.968	3.962	3.978	VV	287	1894	0.04%	0.001%
66	3.980	3.978	3.993	VV	182	1224	0.03%	0.001%
67	4.001	3.993	4.027	VV	125	1757	0.04%	0.001%
68	4.054	4.027	4.066	PV	270	4049	0.09%	0.002%
69	4.070	4.066	4.094	VV	179	2593	0.06%	0.002%
70	4.101	4.094	4.120	VV	207	2126	0.05%	0.001%
71	4.144	4.120	4.171	VV	1930	22099	0.50%	0.014%
72	4.197	4.171	4.246	VV	2395	40152	0.91%	0.025%
73	4.263	4.246	4.279	VV	607	9297	0.21%	0.006%
74	4.292	4.279	4.318	VV	371	6815	0.16%	0.004%
75	4.342	4.318	4.378	VV	513	11031	0.25%	0.007%
76	4.390	4.378	4.408	VV	485	6441	0.15%	0.004%
77	4.422	4.408	4.433	VV	378	4788	0.11%	0.003%
78	4.451	4.433	4.475	VV	400	7245	0.16%	0.004%
79	4.480	4.475	4.484	VV	191	773	0.02%	0.000%
80	4.503	4.484	4.509	VV	221	2420	0.06%	0.001%
81	4.515	4.509	4.529	VV	222	2226	0.05%	0.001%
82	4.532	4.529	4.551	VV	257	2518	0.06%	0.002%
83	4.558	4.551	4.578	VV	270	3169	0.07%	0.002%
84	4.591	4.578	4.600	VV	281	3339	0.08%	0.002%
85	4.621	4.600	4.645	VV	676	11006	0.25%	0.007%
86	4.656	4.645	4.682	VV	505	6689	0.15%	0.004%
87	4.699	4.682	4.706	VV	376	3591	0.08%	0.002%
88	4.709	4.706	4.720	VV	278	1863	0.04%	0.001%
89	4.735	4.720	4.761	VV	293	4599	0.10%	0.003%

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90	4.790	4.761	4.803	PV	604	7814	0.18%	0.005%
91	4.819	4.803	4.830	VV	636	7164	0.16%	0.004%
92	4.850	4.830	4.890	VV	1739	24601	0.56%	0.015%
93	4.909	4.890	4.926	VV	346	3892	0.09%	0.002%
94	4.935	4.926	4.952	VV	224	2632	0.06%	0.002%
95	4.965	4.952	4.971	VV	223	1387	0.03%	0.001%
96	4.983	4.971	5.003	VV	364	4693	0.11%	0.003%
97	5.011	5.003	5.022	VV	333	3154	0.07%	0.002%
98	5.039	5.022	5.058	VV	395	5484	0.12%	0.003%
99	5.083	5.058	5.109	VV	486	8010	0.18%	0.005%
100	5.130	5.109	5.160	VV	382	6652	0.15%	0.004%
101	5.172	5.160	5.195	VV	180	2551	0.06%	0.002%
102	5.202	5.195	5.214	VV	210	1995	0.05%	0.001%
103	5.224	5.214	5.252	VV	316	4754	0.11%	0.003%
104	5.284	5.252	5.312	VV	476	8301	0.19%	0.005%
105	5.329	5.312	5.359	VV	435	7904	0.18%	0.005%
106	5.380	5.359	5.393	VV	424	5492	0.13%	0.003%
107	5.408	5.393	5.428	VV	551	7015	0.16%	0.004%
108	5.440	5.428	5.482	VV	435	8161	0.19%	0.005%
109	5.501	5.482	5.553	VV	292	7534	0.17%	0.005%
110	5.567	5.553	5.597	VV	1085	13223	0.30%	0.008%
111	5.604	5.597	5.621	VV	281	3495	0.08%	0.002%
112	5.637	5.621	5.655	VV	377	5229	0.12%	0.003%
113	5.665	5.655	5.681	VV	193	2166	0.05%	0.001%
114	5.686	5.681	5.690	VV	176	667	0.02%	0.000%
115	5.702	5.690	5.739	VV	260	3932	0.09%	0.002%
116	5.761	5.739	5.783	PV	780	11887	0.27%	0.007%
117	5.799	5.783	5.811	VV	1904	20760	0.47%	0.013%
118	5.818	5.811	5.870	VV	1324	18881	0.43%	0.012%
119	5.873	5.870	5.883	VV	190	1236	0.03%	0.001%
120	5.887	5.883	5.896	VV	184	1316	0.03%	0.001%
121	5.906	5.896	5.912	VV	187	1407	0.03%	0.001%
122	5.949	5.912	5.978	VV	828	14950	0.34%	0.009%
123	5.994	5.978	6.000	VV	381	4201	0.10%	0.003%
124	6.014	6.000	6.018	VV	609	5311	0.12%	0.003%
125	6.029	6.018	6.044	VV	713	8325	0.19%	0.005%
126	6.055	6.044	6.068	VV	681	7968	0.18%	0.005%
127	6.079	6.068	6.105	VV	591	10057	0.23%	0.006%
128	6.111	6.105	6.125	VV	396	3266	0.07%	0.002%
129	6.137	6.125	6.166	VV	568	9408	0.21%	0.006%
130	6.174	6.166	6.182	VV	221	1718	0.04%	0.001%
131	6.198	6.182	6.219	VV	321	4420	0.10%	0.003%
132	6.236	6.219	6.259	PV	466	6133	0.14%	0.004%
133	6.299	6.259	6.312	VV	600	10369	0.24%	0.006%
134	6.331	6.312	6.364	VV	2711	36793	0.84%	0.023%
135	6.370	6.364	6.385	VV	704	7087	0.16%	0.004%
136	6.413	6.385	6.464	VV	1421	32446	0.74%	0.020%
137	6.483	6.464	6.499	VV	1009	13050	0.30%	0.008%
138	6.511	6.499	6.550	VV	773	14663	0.33%	0.009%
139	6.564	6.550	6.578	VV	391	4726	0.11%	0.003%
140	6.594	6.578	6.609	VV	475	6962	0.16%	0.004%
141	6.631	6.609	6.651	VV	1145	18988	0.43%	0.012%

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142	6.677	6.651	6.695	VV	552	11315	0.26%	0.007%
143	6.719	6.695	6.732	VV	583	9452	0.22%	0.006%
144	6.743	6.732	6.778	VV	415	8195	0.19%	0.005%
145	6.794	6.778	6.848	VV	672	14480	0.33%	0.009%
146	6.872	6.848	6.904	VV	1511	19125	0.44%	0.012%
147	6.920	6.904	6.932	VV	488	5625	0.13%	0.003%
148	6.949	6.932	6.972	VV	1489	17628	0.40%	0.011%
149	6.988	6.972	7.011	VV	659	8141	0.19%	0.005%
150	7.026	7.011	7.049	VV	355	4169	0.09%	0.003%
151	7.076	7.049	7.099	VV	577	8219	0.19%	0.005%
152	7.123	7.099	7.155	VV	510	8083	0.18%	0.005%
153	7.162	7.155	7.173	VV	191	933	0.02%	0.001%
154	7.199	7.173	7.227	VV	690	8924	0.20%	0.005%
155	7.298	7.227	7.310	PV	882	20997	0.48%	0.013%
156	7.327	7.310	7.350	VV	1050	17513	0.40%	0.011%
157	7.369	7.350	7.397	VV	1058	14715	0.34%	0.009%
158	7.427	7.397	7.455	VV	3674	43652	0.99%	0.027%
159	7.470	7.455	7.497	VV	1626	20206	0.46%	0.012%
160	7.518	7.497	7.550	VV	4714	60299	1.37%	0.037%
161	7.567	7.550	7.597	VV	2870	32938	0.75%	0.020%
162	7.618	7.597	7.635	PV	784	10135	0.23%	0.006%
163	7.647	7.635	7.659	VV	332	3901	0.09%	0.002%
164	7.665	7.659	7.679	VV	208	1797	0.04%	0.001%
165	7.719	7.679	7.732	VV	872	15262	0.35%	0.009%
166	7.744	7.732	7.773	VV	1067	15364	0.35%	0.009%
167	7.802	7.773	7.821	VV	1058	16682	0.38%	0.010%
168	7.833	7.821	7.850	VV	644	8482	0.19%	0.005%
169	7.879	7.850	7.891	VV	745	14081	0.32%	0.009%
170	7.921	7.891	7.950	VV	1867	34468	0.78%	0.021%
171	7.963	7.950	7.990	VV	665	9103	0.21%	0.006%
172	8.008	7.990	8.015	PV	450	4570	0.10%	0.003%
173	8.035	8.015	8.055	VV	3458	42353	0.96%	0.026%
174	8.060	8.055	8.075	VV	772	8070	0.18%	0.005%
175	8.086	8.075	8.102	VV	809	9329	0.21%	0.006%
176	8.131	8.102	8.146	VV	539	8064	0.18%	0.005%
177	8.170	8.146	8.187	VV	1898	29116	0.66%	0.018%
178	8.203	8.187	8.231	VV	3593	48292	1.10%	0.030%
179	8.235	8.231	8.252	VV	647	5911	0.13%	0.004%
180	8.273	8.252	8.293	VV	606	9368	0.21%	0.006%
181	8.328	8.293	8.341	VV	1768	26506	0.60%	0.016%
182	8.362	8.341	8.397	VV	3063	52072	1.19%	0.032%
183	8.445	8.397	8.482	VV	10372	143848	3.28%	0.088%
184	8.505	8.482	8.525	VV	1468	24746	0.56%	0.015%
185	8.546	8.525	8.562	VV	3813	47724	1.09%	0.029%
186	8.575	8.562	8.589	VV	2566	29858	0.68%	0.018%
187	8.597	8.589	8.601	VV	1379	10332	0.24%	0.006%
188	8.625	8.601	8.654	VV	2415	48403	1.10%	0.030%
189	8.676	8.654	8.680	VV	1848	21069	0.48%	0.013%
190	8.694	8.680	8.716	VV	2507	44444	1.01%	0.027%
191	8.733	8.716	8.761	VV	2323	49779	1.13%	0.030%
192	8.788	8.761	8.807	VV	4073	60994	1.39%	0.037%
193	8.822	8.807	8.835	VV	1641	21039	0.48%	0.013%
194	8.850	8.835	8.861	VV	1063	14306	0.33%	0.009%

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195	8.874	8.861	8.888	VV	1076	15214	0.35%	0.009%
196	8.915	8.888	8.920	VV	1101	17911	0.41%	0.011%
197	8.923	8.920	8.940	VV	1047	9019	0.21%	0.006%
198	8.958	8.940	8.971	VV	1418	19909	0.45%	0.012%
199	8.986	8.971	9.003	VV	1949	29099	0.66%	0.018%
200	9.030	9.003	9.051	VV	20781	224694	5.12%	0.138%
201	9.060	9.051	9.067	VV	1646	14995	0.34%	0.009%
202	9.091	9.067	9.114	VV	4946	81977	1.87%	0.050%
203	9.127	9.114	9.133	VV	2148	20716	0.47%	0.013%
204	9.167	9.133	9.190	VV	15487	231683	5.28%	0.142%
205	9.202	9.190	9.211	VV	1502	17612	0.40%	0.011%
206	9.216	9.211	9.230	VV	1501	13397	0.31%	0.008%
207	9.248	9.230	9.258	VV	2201	25757	0.59%	0.016%
208	9.273	9.258	9.288	VV	3614	49131	1.12%	0.030%
209	9.305	9.288	9.334	VV	7291	100583	2.29%	0.062%
210	9.352	9.334	9.364	VV	2187	32898	0.75%	0.020%
211	9.376	9.364	9.382	VV	2186	22355	0.51%	0.014%
212	9.396	9.382	9.412	VV	2508	36510	0.83%	0.022%
213	9.447	9.412	9.466	VV	3871	75614	1.72%	0.046%
214	9.482	9.466	9.520	VV	3570	62200	1.42%	0.038%
215	9.539	9.520	9.564	VV	2541	42333	0.96%	0.026%
216	9.599	9.564	9.618	VV	2926	51422	1.17%	0.031%
217	9.632	9.618	9.646	VV	2162	25328	0.58%	0.016%
218	9.664	9.646	9.673	VV	1602	23178	0.53%	0.014%
219	9.686	9.673	9.702	VV	1667	25864	0.59%	0.016%
220	9.716	9.702	9.722	VV	1727	18205	0.41%	0.011%
221	9.738	9.722	9.770	VV	3694	67005	1.53%	0.041%
222	9.783	9.770	9.797	VV	2002	27359	0.62%	0.017%
223	9.819	9.797	9.840	VV	16162	205926	4.69%	0.126%
224	9.844	9.840	9.879	VV	4268	58807	1.34%	0.036%
225	9.904	9.879	9.931	VV	7469	135365	3.08%	0.083%
226	9.939	9.931	9.952	VV	2702	32574	0.74%	0.020%
227	9.972	9.952	9.984	VV	5265	76656	1.75%	0.047%
228	9.996	9.984	10.016	VV	4349	72744	1.66%	0.045%
229	10.029	10.016	10.046	VV	3925	55875	1.27%	0.034%
230	10.071	10.046	10.078	VV	4219	69901	1.59%	0.043%
231	10.100	10.078	10.125	VV	51506	554600	12.63%	0.339%
232	10.144	10.125	10.164	VV	5021	84399	1.92%	0.052%
233	10.194	10.164	10.217	VV	4731	120325	2.74%	0.074%
234	10.240	10.217	10.279	VV	9600	192709	4.39%	0.118%
235	10.302	10.279	10.322	VV	4428	92335	2.10%	0.057%
236	10.339	10.322	10.381	VV	4750	113503	2.58%	0.069%
237	10.407	10.381	10.421	VV	4036	76421	1.74%	0.047%
238	10.426	10.421	10.431	VV	3033	16480	0.38%	0.010%
239	10.435	10.431	10.440	VV	2943	16672	0.38%	0.010%
240	10.452	10.440	10.455	VV	3053	26558	0.60%	0.016%
241	10.471	10.455	10.492	VV	3736	71931	1.64%	0.044%
242	10.510	10.492	10.529	VV	4673	80213	1.83%	0.049%
243	10.567	10.529	10.597	VV	4647	155253	3.54%	0.095%
244	10.624	10.597	10.649	VV	20993	343000	7.81%	0.210%
245	10.672	10.649	10.687	VV	7832	152153	3.46%	0.093%
246	10.704	10.687	10.731	VV	8450	178804	4.07%	0.109%

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247	10.746	10.731	10.759	VV	7633	114440	2.61%	0.070%
248	10.774	10.759	10.796	VV	7838	133146	3.03%	0.081%
249	10.821	10.796	10.831	VV	7553	128224	2.92%	0.078%
250	10.837	10.831	10.853	VV	6748	80376	1.83%	0.049%
251	10.874	10.853	10.897	VV	8903	191380	4.36%	0.117%
252	10.903	10.897	10.916	VV	7401	81730	1.86%	0.050%
253	10.924	10.916	10.938	VV	7488	91924	2.09%	0.056%
254	10.954	10.938	10.960	VV	8242	98458	2.24%	0.060%
255	10.976	10.960	11.004	VV	11369	243317	5.54%	0.149%
256	11.048	11.004	11.084	VV	46870	970165	22.09%	0.594%
257	11.090	11.084	11.112	VV	8680	133505	3.04%	0.082%
258	11.124	11.112	11.137	VV	6956	100905	2.30%	0.062%
259	11.147	11.137	11.153	VV	6765	59283	1.35%	0.036%
260	11.156	11.153	11.160	VV	6727	27694	0.63%	0.017%
261	11.194	11.160	11.201	VV	9558	196705	4.48%	0.120%
262	11.226	11.201	11.249	VV	157506	1794757	40.87%	1.099%
263	11.254	11.249	11.277	VV	10818	151775	3.46%	0.093%
264	11.299	11.277	11.322	VV	40917	554873	12.63%	0.340%
265	11.330	11.322	11.346	VV	9772	131662	3.00%	0.081%
266	11.368	11.346	11.392	VV	9855	241852	5.51%	0.148%
267	11.402	11.392	11.429	VV	8731	175042	3.99%	0.107%
268	11.458	11.429	11.471	VV	8542	205574	4.68%	0.126%
269	11.485	11.471	11.492	VV	9017	107140	2.44%	0.066%
270	11.510	11.492	11.526	VV	18332	271562	6.18%	0.166%
271	11.534	11.526	11.557	VV	10127	167357	3.81%	0.102%
272	11.588	11.557	11.596	VV	8829	192694	4.39%	0.118%
273	11.620	11.596	11.629	VV	10212	185954	4.23%	0.114%
274	11.648	11.629	11.662	VV	11373	215935	4.92%	0.132%
275	11.679	11.662	11.696	VV	13906	240358	5.47%	0.147%
276	11.706	11.696	11.710	VV	9961	79168	1.80%	0.048%
277	11.722	11.710	11.739	VV	10039	170354	3.88%	0.104%
278	11.770	11.739	11.803	VV	32343	696146	15.85%	0.426%
279	11.828	11.803	11.854	VV	10997	291190	6.63%	0.178%
280	11.877	11.854	11.900	VV	12126	277452	6.32%	0.170%
281	11.923	11.900	11.957	VV	12464	369034	8.40%	0.226%
282	11.982	11.957	12.007	VV	11388	318215	7.25%	0.195%
283	12.030	12.007	12.044	VV	22045	338497	7.71%	0.207%
284	12.060	12.044	12.084	VV	28423	437353	9.96%	0.268%
285	12.095	12.084	12.109	VV	11102	153855	3.50%	0.094%
286	12.145	12.109	12.163	VV	35286	640989	14.60%	0.392%
287	12.177	12.163	12.192	VV	17666	267906	6.10%	0.164%
288	12.209	12.192	12.267	VV	22443	576854	13.13%	0.353%
289	12.288	12.267	12.304	VV	10604	211858	4.82%	0.130%
290	12.333	12.304	12.364	VV	17183	514217	11.71%	0.315%
291	12.380	12.364	12.407	VV	23635	409536	9.33%	0.251%
292	12.445	12.407	12.472	VV	11096	403854	9.20%	0.247%
293	12.501	12.472	12.523	VV	20255	414477	9.44%	0.254%
294	12.533	12.523	12.544	VV	10392	124110	2.83%	0.076%
295	12.564	12.544	12.573	VV	11015	179787	4.09%	0.110%
296	12.607	12.573	12.643	VV	156284	2335348	53.18%	1.429%
297	12.650	12.643	12.674	VV	14320	228279	5.20%	0.140%
298	12.679	12.674	12.699	VV	10877	153361	3.49%	0.094%
299	12.710	12.699	12.717	VV	9951	102406	2.33%	0.063%

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300	12.734	12.717	12.739	VV	10329	127695	2.91%	0.078%
301	12.755	12.739	12.763	VV	12002	162134	3.69%	0.099%
302	12.769	12.763	12.793	VV	11768	193787	4.41%	0.119%
303	12.818	12.793	12.863	VV	18756	528330	12.03%	0.323%
304	12.879	12.863	12.893	VV	11694	187263	4.26%	0.115%
305	12.931	12.893	12.953	VV	19664	468067	10.66%	0.286%
306	12.993	12.953	13.015	VV	20744	512296	11.66%	0.314%
307	13.051	13.015	13.097	VV	332377	3940068	89.71%	2.412%
308	13.112	13.097	13.126	VV	8478	131869	3.00%	0.081%
309	13.142	13.126	13.154	VV	7679	122950	2.80%	0.075%
310	13.180	13.154	13.196	VV	9045	209818	4.78%	0.128%
311	13.209	13.196	13.214	VV	9486	96034	2.19%	0.059%
312	13.236	13.214	13.313	VV	16908	634576	14.45%	0.388%
313	13.350	13.313	13.372	VV	280004	3169414	72.17%	1.940%
314	13.404	13.372	13.420	VV	44807	689378	15.70%	0.422%
315	13.435	13.420	13.466	VV	34782	525315	11.96%	0.322%
316	13.488	13.466	13.501	VV	8873	160028	3.64%	0.098%
317	13.520	13.501	13.536	VV	15385	241202	5.49%	0.148%
318	13.547	13.536	13.572	VV	9756	173901	3.96%	0.106%
319	13.614	13.572	13.644	VV	39617	713415	16.24%	0.437%
320	13.682	13.644	13.716	VV	16466	469795	10.70%	0.288%
321	13.744	13.716	13.763	VV	15132	290561	6.62%	0.178%
322	13.806	13.763	13.818	VV	21634	456128	10.39%	0.279%
323	13.834	13.818	13.892	VV	61969	1028694	23.42%	0.630%
324	13.935	13.892	13.972	VV	49547	974172	22.18%	0.596%
325	14.004	13.972	14.018	VV	9214	209660	4.77%	0.128%
326	14.043	14.018	14.066	VV	42132	658246	14.99%	0.403%
327	14.083	14.066	14.104	VV	24275	365898	8.33%	0.224%
328	14.127	14.104	14.159	VV	18559	399520	9.10%	0.245%
329	14.213	14.159	14.234	VV	24506	696411	15.86%	0.426%
330	14.254	14.234	14.297	VV	20426	431820	9.83%	0.264%
331	14.327	14.297	14.350	VV	9127	253851	5.78%	0.155%
332	14.357	14.350	14.363	VV	8346	64285	1.46%	0.039%
333	14.373	14.363	14.377	VV	8203	68174	1.55%	0.042%
334	14.422	14.377	14.493	VV	10216	571226	13.01%	0.350%
335	14.515	14.493	14.540	VV	10328	229050	5.22%	0.140%
336	14.580	14.540	14.600	VV	24859	475199	10.82%	0.291%
337	14.624	14.600	14.650	VV	21915	477147	10.86%	0.292%
338	14.669	14.650	14.697	VV	25485	454314	10.34%	0.278%
339	14.758	14.697	14.813	VV	16320	772042	17.58%	0.473%
340	14.852	14.813	14.876	VV	32354	685634	15.61%	0.420%
341	14.879	14.876	14.891	VV	11941	103953	2.37%	0.064%
342	14.916	14.891	14.937	VV	54961	784424	17.86%	0.480%
343	14.974	14.937	15.011	VV	29431	808345	18.41%	0.495%
344	15.045	15.011	15.052	VV	11591	255003	5.81%	0.156%
345	15.096	15.052	15.131	VV	114940	1906117	43.40%	1.167%
346	15.139	15.131	15.157	VV	10439	147197	3.35%	0.090%
347	15.180	15.157	15.199	VV	19455	346863	7.90%	0.212%
348	15.229	15.199	15.250	VV	197818	2649815	60.34%	1.622%
349	15.273	15.250	15.331	VV	194851	2709107	61.69%	1.658%
350	15.345	15.331	15.367	VV	13465	260468	5.93%	0.159%
351	15.392	15.367	15.414	VV	66329	930231	21.18%	0.569%

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352	15.425	15.414	15.444	VV	14416	227734	5.19%	0.139%
353	15.464	15.444	15.502	VV	19109	435566	9.92%	0.267%
354	15.527	15.502	15.549	VV	19783	404646	9.21%	0.248%
355	15.567	15.549	15.643	VV	23325	768145	17.49%	0.470%
356	15.677	15.643	15.753	VV	104187	1942188	44.22%	1.189%
357	15.774	15.753	15.786	VV	11231	194014	4.42%	0.119%
358	15.818	15.786	15.827	VV	17838	344916	7.85%	0.211%
359	15.843	15.827	15.852	VV	19350	277239	6.31%	0.170%
360	15.869	15.852	15.882	VV	19615	340769	7.76%	0.209%
361	15.901	15.882	15.923	VV	41813	649796	14.80%	0.398%
362	15.939	15.923	15.959	VV	24197	389184	8.86%	0.238%
363	15.983	15.959	16.001	VV	21313	406973	9.27%	0.249%
364	16.006	16.001	16.021	VV	13095	151496	3.45%	0.093%
365	16.062	16.021	16.107	VV	44851	1322171	30.11%	0.809%
366	16.139	16.107	16.175	VV	24102	643634	14.66%	0.394%
367	16.192	16.175	16.207	VV	16686	274840	6.26%	0.168%
368	16.225	16.207	16.241	VV	17048	297524	6.77%	0.182%
369	16.252	16.241	16.266	VV	17852	229176	5.22%	0.140%
370	16.281	16.266	16.290	VV	16426	211283	4.81%	0.129%
371	16.298	16.290	16.302	VV	16135	119078	2.71%	0.073%
372	16.325	16.302	16.359	VV	19750	508299	11.57%	0.311%
373	16.392	16.359	16.416	VV	14125	398896	9.08%	0.244%
374	16.427	16.416	16.448	VV	11371	208993	4.76%	0.128%
375	16.470	16.448	16.477	VV	10889	176543	4.02%	0.108%
376	16.511	16.477	16.531	VV	19669	501704	11.42%	0.307%
377	16.539	16.531	16.551	VV	15365	175592	4.00%	0.107%
378	16.573	16.551	16.599	VV	24751	494915	11.27%	0.303%
379	16.623	16.599	16.648	VV	17332	472006	10.75%	0.289%
380	16.653	16.648	16.659	VV	16487	105730	2.41%	0.065%
381	16.693	16.659	16.742	VV	89381	1850537	42.14%	1.133%
382	16.796	16.742	16.812	VV	265119	4391767	100.00%	2.688%
383	16.821	16.812	16.856	VV	132261	1588477	36.17%	0.972%
384	16.877	16.856	16.892	VV	17673	343163	7.81%	0.210%
385	16.921	16.892	16.942	VV	63179	1027034	23.39%	0.629%
386	16.958	16.942	16.996	VV	25058	652652	14.86%	0.399%
387	17.009	16.996	17.022	VV	19086	276483	6.30%	0.169%
388	17.044	17.022	17.062	VV	27729	558548	12.72%	0.342%
389	17.115	17.062	17.141	VV	170142	3051535	69.48%	1.868%
390	17.174	17.141	17.223	VV	242017	3687900	83.97%	2.257%
391	17.272	17.223	17.301	VV	95853	1801611	41.02%	1.103%
392	17.321	17.301	17.342	VV	27300	607502	13.83%	0.372%
393	17.354	17.342	17.370	VV	26308	389485	8.87%	0.238%
394	17.411	17.370	17.444	VV	27736	968597	22.05%	0.593%
395	17.473	17.444	17.490	VV	21390	515031	11.73%	0.315%
396	17.534	17.490	17.567	VV	44675	1365766	31.10%	0.836%
397	17.580	17.567	17.608	VV	26938	547672	12.47%	0.335%
398	17.636	17.608	17.659	VV	69501	1270710	28.93%	0.778%
399	17.672	17.659	17.685	VV	28895	421254	9.59%	0.258%
400	17.698	17.685	17.709	VV	29351	410758	9.35%	0.251%
401	17.727	17.709	17.776	VV	41992	1125519	25.63%	0.689%
402	17.784	17.776	17.792	VV	20502	192280	4.38%	0.118%
403	17.827	17.792	17.887	VV	36890	1360827	30.99%	0.833%
404	17.894	17.887	17.911	VV	17433	228819	5.21%	0.140%

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405	17.940	17.911	17.971	VV	22472	669602	15.25%	0.410%
406	17.992	17.971	18.001	VV	16671	294052	6.70%	0.180%
407	18.008	18.001	18.012	VV	16802	109189	2.49%	0.067%
408	18.017	18.012	18.033	VV	16657	189086	4.31%	0.116%
409	18.086	18.033	18.107	VV	23235	808495	18.41%	0.495%
410	18.130	18.107	18.143	VV	23120	451777	10.29%	0.277%
411	18.166	18.143	18.196	VV	29044	706384	16.08%	0.432%
412	18.254	18.196	18.283	VV	36927	1239897	28.23%	0.759%
413	18.308	18.283	18.312	VV	26840	397336	9.05%	0.243%
414	18.331	18.312	18.351	VV	30474	642785	14.64%	0.393%
415	18.369	18.351	18.421	VV	35205	1025840	23.36%	0.628%
416	18.449	18.421	18.493	VV	51995	1323543	30.14%	0.810%
417	18.545	18.493	18.568	VV	183202	4265545	97.13%	2.611%
418	18.587	18.568	18.614	VV	72440	1409686	32.10%	0.863%
419	18.623	18.614	18.645	VV	29921	464888	10.59%	0.285%
420	18.675	18.645	18.692	VV	53015	1002618	22.83%	0.614%
421	18.708	18.692	18.769	VV	49653	1333731	30.37%	0.816%
422	18.801	18.769	18.824	VV	165241	2360221	53.74%	1.445%
423	18.838	18.824	18.852	VV	21694	344570	7.85%	0.211%
424	18.880	18.852	18.899	VV	27586	647783	14.75%	0.396%
425	18.927	18.899	18.956	VV	73714	1338545	30.48%	0.819%
426	18.986	18.956	19.009	VV	29353	781100	17.79%	0.478%
427	19.021	19.009	19.044	VV	26942	468477	10.67%	0.287%
428	19.103	19.044	19.140	VV	47508	1584392	36.08%	0.970%
429	19.161	19.140	19.184	VV	28777	610705	13.91%	0.374%
430	19.205	19.184	19.249	VV	43626	1111959	25.32%	0.681%
431	19.282	19.249	19.296	VV	29035	676063	15.39%	0.414%
432	19.350	19.296	19.378	VV	112697	2686325	61.17%	1.644%
433	19.399	19.378	19.454	VV	73247	1788598	40.73%	1.095%
434	19.476	19.454	19.512	VV	32709	929971	21.18%	0.569%
435	19.534	19.512	19.565	VV	33134	756884	17.23%	0.463%
436	19.590	19.565	19.611	VV	16805	434520	9.89%	0.266%
437	19.640	19.611	19.672	VV	32333	829487	18.89%	0.508%
438	19.688	19.672	19.723	VV	18697	489098	11.14%	0.299%
439	19.750	19.723	19.772	VV	19445	517652	11.79%	0.317%
440	19.778	19.772	19.793	VV	18189	214513	4.88%	0.131%
441	19.816	19.793	19.833	VV	23673	483905	11.02%	0.296%
442	19.850	19.833	19.865	VV	23983	411034	9.36%	0.252%
443	19.888	19.865	19.919	VV	33912	805931	18.35%	0.493%
444	19.956	19.919	19.982	VV	74790	1511098	34.41%	0.925%
445	20.021	19.982	20.048	VV	68124	1588465	36.17%	0.972%
446	20.068	20.048	20.096	VV	41443	979865	22.31%	0.600%
447	20.129	20.096	20.173	VV	78308	2053112	46.75%	1.257%
448	20.192	20.173	20.217	VV	33621	717564	16.34%	0.439%
449	20.235	20.217	20.264	VV	29644	670807	15.27%	0.411%
450	20.333	20.264	20.361	VV	77364	2373219	54.04%	1.453%
451	20.399	20.361	20.417	VV	42485	1071268	24.39%	0.656%
452	20.422	20.417	20.447	VV	29254	435115	9.91%	0.266%
453	20.473	20.447	20.510	VV	39447	992562	22.60%	0.608%
454	20.517	20.510	20.535	VV	20368	289196	6.58%	0.177%
455	20.555	20.535	20.575	VV	20622	464203	10.57%	0.284%
456	20.598	20.575	20.631	VV	22357	668346	15.22%	0.409%

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457	20.650	20.631	20.666	VV	21778	415707	9.47%	0.254%
458	20.682	20.666	20.705	VV	20515	455033	10.36%	0.279%
459	20.711	20.705	20.729	VV	18476	251172	5.72%	0.154%
460	20.752	20.729	20.775	VV	19214	503128	11.46%	0.308%
461	20.794	20.775	20.809	VV	18916	368444	8.39%	0.226%
462	20.843	20.809	20.859	VV	26104	658099	14.98%	0.403%
463	20.870	20.859	20.895	VV	22485	465926	10.61%	0.285%
464	20.917	20.895	20.962	VV	24432	803816	18.30%	0.492%
465	20.978	20.962	20.992	VV	17501	304489	6.93%	0.186%
466	20.997	20.992	21.004	VV	16739	117248	2.67%	0.072%
467	21.026	21.004	21.072	VV	18159	637239	14.51%	0.390%
468	21.084	21.072	21.118	VV	13981	365817	8.33%	0.224%
469	21.141	21.118	21.165	VV	14007	379953	8.65%	0.233%
470	21.188	21.165	21.242	VV	13996	589186	13.42%	0.361%
471	21.247	21.242	21.254	VV	11511	80256	1.83%	0.049%
472	21.288	21.254	21.317	VV	12710	437403	9.96%	0.268%
473	21.360	21.317	21.429	VV	18556	918970	20.92%	0.562%
474	21.469	21.429	21.508	VV	14012	543892	12.38%	0.333%
475	21.573	21.508	21.606	VV	14576	677300	15.42%	0.415%
476	21.662	21.606	21.694	VV	14570	620292	14.12%	0.380%
477	21.749	21.694	21.776	VV	39645	1235595	28.13%	0.756%
478	21.787	21.776	21.813	VV	18833	381089	8.68%	0.233%
479	21.818	21.813	21.894	VV	14872	445512	10.14%	0.273%
480	21.921	21.894	21.944	VV	10547	260183	5.92%	0.159%
481	21.969	21.944	22.012	VV	13094	328466	7.48%	0.201%
482	22.060	22.012	22.096	VV	24098	599072	13.64%	0.367%
483	22.102	22.096	22.109	VV	5230	39326	0.90%	0.024%
484	22.145	22.109	22.173	VV	21267	489885	11.15%	0.300%
485	22.198	22.173	22.220	VV	12029	260080	5.92%	0.159%
486	22.249	22.220	22.269	VV	18037	379780	8.65%	0.232%
487	22.286	22.269	22.334	VV	12355	246362	5.61%	0.151%
488	22.348	22.334	22.353	PV	360	1805	0.04%	0.001%
489	22.360	22.353	22.364	VV	559	2623	0.06%	0.002%
490	22.368	22.364	22.376	VV	647	2761	0.06%	0.002%
491	22.381	22.376	22.385	VV	297	997	0.02%	0.001%
492	22.396	22.385	22.401	PBA	380	17246	0.39%	0.011%
					Sum of corrected areas: 163380374			

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