

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071425\
 Data File : FF016150.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2025 13:49
 Sample : Q2580-02
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.856	1.835	1.896	BV	102	1324	0.04%	0.001%
2	1.910	1.896	1.931	PV	360	5705	0.19%	0.005%
3	1.960	1.931	1.980	VV	1485	29285	0.96%	0.025%
4	1.996	1.980	2.069	VV	1319	52090	1.70%	0.044%
5	2.075	2.069	2.084	VV	613	4919	0.16%	0.004%
6	2.087	2.084	2.134	VV	572	11963	0.39%	0.010%
7	2.137	2.134	2.192	VV	370	9691	0.32%	0.008%
8	2.196	2.192	2.248	VV	221	2574	0.08%	0.002%
9	2.274	2.248	2.332	PV	586	11653	0.38%	0.010%
10	2.364	2.332	2.396	VV	879	15984	0.52%	0.013%
11	2.407	2.396	2.485	VV	514	15912	0.52%	0.013%
12	2.512	2.485	2.537	PV	277	6120	0.20%	0.005%
13	2.558	2.537	2.630	VV	922	23052	0.75%	0.019%
14	2.662	2.630	2.747	PV	3943	90904	2.97%	0.077%
15	2.774	2.747	2.836	VV	3973	85960	2.81%	0.072%
16	2.857	2.836	2.880	VV	484	9070	0.30%	0.008%
17	2.892	2.880	2.945	VV	721	17016	0.56%	0.014%
18	3.000	2.945	3.039	VV	29413	533798	17.45%	0.450%
19	3.046	3.039	3.177	VV	5684	160170	5.23%	0.135%
20	3.197	3.177	3.247	VV	1267	38517	1.26%	0.032%
21	3.269	3.247	3.310	VV	958	23471	0.77%	0.020%
22	3.338	3.310	3.352	VV	1135	20485	0.67%	0.017%
23	3.364	3.352	3.420	VV	996	24896	0.81%	0.021%
24	3.428	3.420	3.454	VV	395	5595	0.18%	0.005%
25	3.473	3.454	3.504	VV	596	11018	0.36%	0.009%
26	3.507	3.504	3.511	VV	274	1085	0.04%	0.001%
27	3.532	3.511	3.536	VV	423	5112	0.17%	0.004%
28	3.551	3.536	3.572	VV	613	10703	0.35%	0.009%
29	3.604	3.572	3.630	VV	794	20102	0.66%	0.017%
30	3.648	3.630	3.674	VV	1052	16606	0.54%	0.014%
31	3.720	3.674	3.754	VV	1688	46854	1.53%	0.039%
32	3.770	3.754	3.791	VV	910	14364	0.47%	0.012%
33	3.810	3.791	3.875	VV	2839	55683	1.82%	0.047%
34	3.880	3.875	3.903	VV	220	2169	0.07%	0.002%
35	3.948	3.903	3.957	PV	2072	26379	0.86%	0.022%
36	3.967	3.957	4.004	VV	2224	38089	1.24%	0.032%

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37	4.022	4.004	4.033	VV	1202	15015	0.49%	0.013%
38	4.041	4.033	4.101	VV	1213	19301	0.63%	0.016%
39	4.162	4.101	4.193	PV	3095	60798	1.99%	0.051%
40	4.214	4.193	4.250	VV	3371	51202	1.67%	0.043%
41	4.261	4.250	4.289	VV	847	13727	0.45%	0.012%
42	4.319	4.289	4.345	VV	28606	491681	16.07%	0.414%
43	4.357	4.345	4.410	VV	15637	271009	8.86%	0.228%
44	4.414	4.410	4.470	VV	2088	53807	1.76%	0.045%
45	4.474	4.470	4.497	VV	1010	13774	0.45%	0.012%
46	4.502	4.497	4.513	VV	837	7538	0.25%	0.006%
47	4.534	4.513	4.547	VV	912	15957	0.52%	0.013%
48	4.560	4.547	4.593	VV	1124	23593	0.77%	0.020%
49	4.614	4.593	4.636	VV	1289	22644	0.74%	0.019%
50	4.653	4.636	4.668	VV	1651	20753	0.68%	0.017%
51	4.685	4.668	4.711	VV	1863	28493	0.93%	0.024%
52	4.741	4.711	4.759	VV	8718	117476	3.84%	0.099%
53	4.771	4.759	4.818	VV	4723	64690	2.11%	0.055%
54	4.844	4.818	4.940	VV	25202	384279	12.56%	0.324%
55	4.975	4.940	4.990	VV	2617	43879	1.43%	0.037%
56	5.007	4.990	5.046	VV	2569	52037	1.70%	0.044%
57	5.073	5.046	5.088	VV	1094	21316	0.70%	0.018%
58	5.119	5.088	5.145	VV	1958	42499	1.39%	0.036%
59	5.168	5.145	5.212	VV	1818	42030	1.37%	0.035%
60	5.225	5.212	5.233	VV	747	7122	0.23%	0.006%
61	5.235	5.233	5.251	VV	679	6015	0.20%	0.005%
62	5.265	5.251	5.290	VV	721	9022	0.29%	0.008%
63	5.297	5.290	5.307	PV	287	2157	0.07%	0.002%
64	5.324	5.307	5.339	VV	1441	18041	0.59%	0.015%
65	5.372	5.339	5.389	VV	3199	56428	1.84%	0.048%
66	5.406	5.389	5.423	VV	2529	30976	1.01%	0.026%
67	5.436	5.423	5.442	VV	1739	16111	0.53%	0.014%
68	5.457	5.442	5.479	VV	4390	50068	1.64%	0.042%
69	5.500	5.479	5.511	VV	8742	93132	3.04%	0.079%
70	5.516	5.511	5.535	VV	5902	57990	1.90%	0.049%
71	5.557	5.535	5.602	VV	8033	119451	3.90%	0.101%
72	5.620	5.602	5.644	VV	2684	34203	1.12%	0.029%
73	5.662	5.644	5.666	VV	2300	19910	0.65%	0.017%
74	5.688	5.666	5.737	VV	48418	560337	18.31%	0.472%
75	5.755	5.737	5.769	VV	3209	40900	1.34%	0.034%
76	5.802	5.769	5.818	VV	8123	134649	4.40%	0.113%
77	5.825	5.818	5.856	VV	3983	48654	1.59%	0.041%
78	5.861	5.856	5.876	VV	965	9261	0.30%	0.008%
79	5.886	5.876	5.926	VV	1255	16898	0.55%	0.014%
80	5.947	5.926	5.969	VV	1160	13745	0.45%	0.012%
81	5.986	5.969	5.995	VV	764	8900	0.29%	0.008%
82	6.024	5.995	6.043	VV	11689	167213	5.46%	0.141%
83	6.064	6.043	6.078	VV	12124	177792	5.81%	0.150%
84	6.090	6.078	6.110	VV	10435	132930	4.34%	0.112%
85	6.120	6.110	6.138	VV	4193	50851	1.66%	0.043%
86	6.154	6.138	6.184	VV	3009	57105	1.87%	0.048%
87	6.194	6.184	6.208	VV	1076	12502	0.41%	0.011%
88	6.221	6.208	6.235	VV	1255	15726	0.51%	0.013%
89	6.256	6.235	6.273	VV	4715	59941	1.96%	0.051%

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90	6.288	6.273	6.303	VV	2860	41736	1.36%	0.035%
91	6.325	6.303	6.356	VV	73953	756000	24.71%	0.637%
92	6.375	6.356	6.419	VV	7065	119815	3.92%	0.101%
93	6.430	6.419	6.459	VV	2227	29719	0.97%	0.025%
94	6.473	6.459	6.487	VV	743	8558	0.28%	0.007%
95	6.501	6.487	6.512	VV	944	9899	0.32%	0.008%
96	6.523	6.512	6.540	VV	761	7965	0.26%	0.007%
97	6.554	6.540	6.565	PV	820	8696	0.28%	0.007%
98	6.577	6.565	6.589	VV	744	9363	0.31%	0.008%
99	6.612	6.589	6.658	VV	4392	79605	2.60%	0.067%
100	6.701	6.658	6.715	VV	7382	99724	3.26%	0.084%
101	6.734	6.715	6.768	VV	33028	377842	12.35%	0.318%
102	6.788	6.768	6.805	VV	18967	201638	6.59%	0.170%
103	6.821	6.805	6.840	VV	15839	168659	5.51%	0.142%
104	6.857	6.840	6.902	VV	5326	75387	2.46%	0.064%
105	6.941	6.902	6.952	VV	486	9528	0.31%	0.008%
106	6.971	6.952	7.005	VV	2614	42858	1.40%	0.036%
107	7.013	7.005	7.029	VV	1097	9294	0.30%	0.008%
108	7.049	7.029	7.063	VV	825	13503	0.44%	0.011%
109	7.070	7.063	7.082	VV	758	6638	0.22%	0.006%
110	7.105	7.082	7.148	VV	9037	145759	4.76%	0.123%
111	7.160	7.148	7.180	VV	2288	30352	0.99%	0.026%
112	7.199	7.180	7.212	VV	2623	36226	1.18%	0.031%
113	7.230	7.212	7.263	VV	2834	63844	2.09%	0.054%
114	7.280	7.263	7.300	VV	4602	66334	2.17%	0.056%
115	7.322	7.300	7.325	VV	4002	49410	1.61%	0.042%
116	7.329	7.325	7.335	VV	3954	23022	0.75%	0.019%
117	7.357	7.335	7.390	VV	12083	226212	7.39%	0.191%
118	7.424	7.390	7.441	VV	21161	291021	9.51%	0.245%
119	7.453	7.441	7.479	VV	6914	97961	3.20%	0.083%
120	7.487	7.479	7.503	VV	2093	26511	0.87%	0.022%
121	7.514	7.503	7.530	VV	1685	20765	0.68%	0.018%
122	7.562	7.530	7.590	VV	14504	172969	5.65%	0.146%
123	7.602	7.590	7.619	VV	1274	15130	0.49%	0.013%
124	7.632	7.619	7.640	VV	762	7589	0.25%	0.006%
125	7.660	7.640	7.675	VV	9510	101858	3.33%	0.086%
126	7.685	7.675	7.709	VV	3746	42994	1.41%	0.036%
127	7.733	7.709	7.765	VV	8382	115883	3.79%	0.098%
128	7.773	7.765	7.780	VV	638	5220	0.17%	0.004%
129	7.799	7.780	7.821	VV	5686	64795	2.12%	0.055%
130	7.835	7.821	7.848	VV	2475	25286	0.83%	0.021%
131	7.863	7.848	7.882	VV	4295	46362	1.52%	0.039%
132	7.918	7.882	7.935	VV	9133	106030	3.47%	0.089%
133	7.951	7.935	7.970	VV	7033	75343	2.46%	0.064%
134	7.982	7.970	7.991	VV	1160	11793	0.39%	0.010%
135	8.013	7.991	8.053	VV	7755	111729	3.65%	0.094%
136	8.078	8.053	8.094	VV	1892	22615	0.74%	0.019%
137	8.105	8.094	8.112	VV	431	3221	0.11%	0.003%
138	8.131	8.112	8.147	VV	7623	81319	2.66%	0.069%
139	8.165	8.147	8.183	VV	7363	94768	3.10%	0.080%
140	8.194	8.183	8.208	VV	3821	46115	1.51%	0.039%
141	8.217	8.208	8.234	VV	3341	38157	1.25%	0.032%

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142	8.240	8.234	8.256	VV	1707	16167	0.53%	0.014%
143	8.270	8.256	8.288	VV	830	12163	0.40%	0.010%
144	8.325	8.288	8.365	VV	5576	153039	5.00%	0.129%
145	8.384	8.365	8.405	VV	3638	62923	2.06%	0.053%
146	8.424	8.405	8.430	VV	5016	50620	1.65%	0.043%
147	8.447	8.430	8.474	VV	20584	248929	8.14%	0.210%
148	8.493	8.474	8.528	VV	5073	102410	3.35%	0.086%
149	8.546	8.528	8.559	VV	7283	86512	2.83%	0.073%
150	8.571	8.559	8.578	VV	4649	47704	1.56%	0.040%
151	8.598	8.578	8.649	VV	54679	711310	23.25%	0.600%
152	8.666	8.649	8.683	VV	1741	28783	0.94%	0.024%
153	8.731	8.683	8.780	VV	134555	1595358	52.14%	1.345%
154	8.790	8.780	8.809	VV	3524	49550	1.62%	0.042%
155	8.823	8.809	8.840	VV	2330	31149	1.02%	0.026%
156	8.856	8.840	8.922	VV	5643	108068	3.53%	0.091%
157	8.964	8.922	8.993	PV	3684	76446	2.50%	0.064%
158	9.028	8.993	9.054	VV	26810	317303	10.37%	0.267%
159	9.074	9.054	9.090	VV	6561	88886	2.90%	0.075%
160	9.102	9.090	9.132	VV	4376	66283	2.17%	0.056%
161	9.162	9.132	9.180	VV	2388	47268	1.54%	0.040%
162	9.193	9.180	9.216	VV	1960	26990	0.88%	0.023%
163	9.230	9.216	9.238	VV	1369	14056	0.46%	0.012%
164	9.270	9.238	9.284	VV	4310	65429	2.14%	0.055%
165	9.302	9.284	9.325	VV	12549	149079	4.87%	0.126%
166	9.346	9.325	9.371	VV	5218	79350	2.59%	0.067%
167	9.392	9.371	9.414	VV	3501	63208	2.07%	0.053%
168	9.445	9.414	9.464	VV	3687	67251	2.20%	0.057%
169	9.483	9.464	9.489	VV	3083	34238	1.12%	0.029%
170	9.499	9.489	9.514	VV	3417	35537	1.16%	0.030%
171	9.538	9.514	9.568	VV	6872	95246	3.11%	0.080%
172	9.590	9.568	9.614	VV	3272	46466	1.52%	0.039%
173	9.630	9.614	9.649	VV	5369	57717	1.89%	0.049%
174	9.682	9.649	9.703	VV	13849	195920	6.40%	0.165%
175	9.735	9.703	9.757	VV	4415	90259	2.95%	0.076%
176	9.777	9.757	9.796	VV	9993	112245	3.67%	0.095%
177	9.818	9.796	9.851	VV	21224	304832	9.96%	0.257%
178	9.862	9.851	9.879	VV	3072	33786	1.10%	0.028%
179	9.898	9.879	9.912	VV	2754	35340	1.15%	0.030%
180	9.918	9.912	9.929	VV	1563	13488	0.44%	0.011%
181	9.963	9.929	9.991	VV	21166	314068	10.26%	0.265%
182	9.998	9.991	10.014	VV	2428	26172	0.86%	0.022%
183	10.033	10.014	10.055	VV	4977	74945	2.45%	0.063%
184	10.097	10.055	10.119	VV	65125	871579	28.48%	0.735%
185	10.137	10.119	10.175	VV	5822	106985	3.50%	0.090%
186	10.197	10.175	10.213	VV	2667	38206	1.25%	0.032%
187	10.262	10.213	10.292	VV	30159	442095	14.45%	0.373%
188	10.308	10.292	10.312	VV	1651	17069	0.56%	0.014%
189	10.319	10.312	10.323	VV	1693	11170	0.37%	0.009%
190	10.331	10.323	10.364	VV	1852	24888	0.81%	0.021%
191	10.402	10.364	10.428	VV	852	19051	0.62%	0.016%
192	10.444	10.428	10.464	VV	1552	15455	0.51%	0.013%
193	10.480	10.464	10.489	PV	641	5059	0.17%	0.004%
194	10.507	10.489	10.517	VV	3435	36042	1.18%	0.030%

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195	10.534	10.517	10.554	VV	9606	108680	3.55%	0.092%
196	10.571	10.554	10.599	VV	5283	64026	2.09%	0.054%
197	10.620	10.599	10.636	PV	1612	20990	0.69%	0.018%
198	10.654	10.636	10.658	VV	1904	18124	0.59%	0.015%
199	10.677	10.658	10.690	VV	6659	86283	2.82%	0.073%
200	10.703	10.690	10.727	VV	7289	92736	3.03%	0.078%
201	10.744	10.727	10.781	VV	6246	81783	2.67%	0.069%
202	10.796	10.781	10.805	VV	1192	12676	0.41%	0.011%
203	10.827	10.805	10.851	VV	5283	95663	3.13%	0.081%
204	10.874	10.851	10.897	VV	13291	192548	6.29%	0.162%
205	10.902	10.897	10.915	VV	2840	27581	0.90%	0.023%
206	10.944	10.915	10.958	VV	5332	89066	2.91%	0.075%
207	10.972	10.958	10.987	VV	5425	82271	2.69%	0.069%
208	10.990	10.987	11.004	VV	4894	40560	1.33%	0.034%
209	11.024	11.004	11.045	VV	10173	163833	5.35%	0.138%
210	11.054	11.045	11.081	VV	4387	63930	2.09%	0.054%
211	11.101	11.081	11.117	VV	4406	66448	2.17%	0.056%
212	11.123	11.117	11.139	VV	3064	31300	1.02%	0.026%
213	11.149	11.139	11.177	VV	1835	29879	0.98%	0.025%
214	11.227	11.177	11.269	VV	121029	1432102	46.80%	1.207%
215	11.303	11.269	11.340	VV	56538	699154	22.85%	0.589%
216	11.349	11.340	11.376	VV	3331	51886	1.70%	0.044%
217	11.393	11.376	11.417	VV	2666	45180	1.48%	0.038%
218	11.431	11.417	11.444	VV	575	7596	0.25%	0.006%
219	11.482	11.444	11.497	VV	3812	68738	2.25%	0.058%
220	11.514	11.497	11.529	VV	9469	109057	3.56%	0.092%
221	11.535	11.529	11.565	VV	4463	64236	2.10%	0.054%
222	11.603	11.565	11.626	VV	6116	120708	3.94%	0.102%
223	11.649	11.626	11.666	VV	14990	204567	6.69%	0.172%
224	11.677	11.666	11.699	VV	7272	109056	3.56%	0.092%
225	11.762	11.699	11.804	VV	11990	409123	13.37%	0.345%
226	11.831	11.804	11.854	VV	6229	114750	3.75%	0.097%
227	11.870	11.854	11.889	VV	5522	92193	3.01%	0.078%
228	11.919	11.889	11.952	VV	8980	196043	6.41%	0.165%
229	11.980	11.952	12.012	VV	14067	252738	8.26%	0.213%
230	12.032	12.012	12.047	VV	19830	239097	7.81%	0.202%
231	12.063	12.047	12.084	VV	21446	258394	8.44%	0.218%
232	12.092	12.084	12.104	VV	4163	46448	1.52%	0.039%
233	12.148	12.104	12.165	VV	29555	512389	16.75%	0.432%
234	12.180	12.165	12.195	VV	16880	212267	6.94%	0.179%
235	12.211	12.195	12.244	VV	20086	277788	9.08%	0.234%
236	12.276	12.244	12.308	VV	7558	172096	5.62%	0.145%
237	12.345	12.308	12.367	VV	8131	188040	6.15%	0.159%
238	12.388	12.367	12.407	VV	13154	189064	6.18%	0.159%
239	12.423	12.407	12.432	VV	8394	104812	3.43%	0.088%
240	12.438	12.432	12.471	VV	7617	133041	4.35%	0.112%
241	12.475	12.471	12.482	VV	4420	28125	0.92%	0.024%
242	12.504	12.482	12.524	VV	17287	241291	7.89%	0.203%
243	12.533	12.524	12.542	VV	4685	48292	1.58%	0.041%
244	12.567	12.542	12.573	VV	4745	80838	2.64%	0.068%
245	12.608	12.573	12.642	VV	151008	2093046	68.40%	1.764%
246	12.658	12.642	12.697	VV	12292	255459	8.35%	0.215%

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247	12.709	12.697	12.719	VV	5438	67461	2.20%	0.057%
248	12.740	12.719	12.744	VV	6118	82199	2.69%	0.069%
249	12.757	12.744	12.772	VV	7882	117538	3.84%	0.099%
250	12.777	12.772	12.802	VV	6090	81811	2.67%	0.069%
251	12.826	12.802	12.836	VV	8043	119795	3.92%	0.101%
252	12.841	12.836	12.862	VV	7912	96613	3.16%	0.081%
253	12.885	12.862	12.913	VV	23902	361346	11.81%	0.305%
254	12.936	12.913	12.952	VV	20658	301457	9.85%	0.254%
255	12.966	12.952	12.982	VV	15521	231588	7.57%	0.195%
256	12.999	12.982	13.026	VV	15301	313044	10.23%	0.264%
257	13.054	13.026	13.097	VV	216012	2557429	83.58%	2.156%
258	13.111	13.097	13.132	VV	4101	70159	2.29%	0.059%
259	13.152	13.132	13.165	VV	4712	74202	2.43%	0.063%
260	13.189	13.165	13.225	VV	33163	533846	17.45%	0.450%
261	13.240	13.225	13.251	VV	11383	140769	4.60%	0.119%
262	13.263	13.251	13.275	VV	9639	135068	4.41%	0.114%
263	13.294	13.275	13.326	VV	18881	312339	10.21%	0.263%
264	13.356	13.326	13.378	VV	263610	3059789	100.00%	2.579%
265	13.407	13.378	13.424	VV	23364	414204	13.54%	0.349%
266	13.439	13.424	13.467	VV	19668	282325	9.23%	0.238%
267	13.490	13.467	13.505	VV	5895	98310	3.21%	0.083%
268	13.523	13.505	13.537	VV	9951	133910	4.38%	0.113%
269	13.551	13.537	13.576	VV	9730	141944	4.64%	0.120%
270	13.618	13.576	13.637	VV	12830	248332	8.12%	0.209%
271	13.651	13.637	13.667	VV	6764	104041	3.40%	0.088%
272	13.686	13.667	13.709	VV	9310	163526	5.34%	0.138%
273	13.750	13.709	13.764	VV	10546	236607	7.73%	0.199%
274	13.774	13.764	13.790	VV	8057	111933	3.66%	0.094%
275	13.811	13.790	13.824	VV	22036	316184	10.33%	0.267%
276	13.835	13.824	13.884	VV	25144	449921	14.70%	0.379%
277	13.889	13.884	13.894	VV	3742	21874	0.71%	0.018%
278	13.941	13.894	13.970	VV	51725	976652	31.92%	0.823%
279	13.978	13.970	13.992	VV	8977	107924	3.53%	0.091%
280	14.006	13.992	14.026	VV	8201	138475	4.53%	0.117%
281	14.051	14.026	14.071	VV	32430	470922	15.39%	0.397%
282	14.090	14.071	14.120	VV	30412	441433	14.43%	0.372%
283	14.136	14.120	14.154	VV	7810	142749	4.67%	0.120%
284	14.177	14.154	14.188	VV	14604	225684	7.38%	0.190%
285	14.192	14.188	14.202	VV	13257	114931	3.76%	0.097%
286	14.220	14.202	14.240	VV	34944	470486	15.38%	0.397%
287	14.261	14.240	14.294	VV	32053	461281	15.08%	0.389%
288	14.300	14.294	14.304	VV	3912	22897	0.75%	0.019%
289	14.333	14.304	14.356	VV	11678	234365	7.66%	0.198%
290	14.371	14.356	14.386	VV	5952	88110	2.88%	0.074%
291	14.400	14.386	14.414	VV	5294	78361	2.56%	0.066%
292	14.424	14.414	14.438	VV	4237	56365	1.84%	0.048%
293	14.449	14.438	14.464	VV	3882	56628	1.85%	0.048%
294	14.481	14.464	14.510	VV	3548	89039	2.91%	0.075%
295	14.533	14.510	14.546	VV	4484	82008	2.68%	0.069%
296	14.586	14.546	14.603	VV	7482	181538	5.93%	0.153%
297	14.645	14.603	14.660	VV	11875	291094	9.51%	0.245%
298	14.677	14.660	14.721	VV	19457	355366	11.61%	0.300%
299	14.756	14.721	14.771	VV	12259	244430	7.99%	0.206%

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300	14.783	14.771	14.811	VV	9751	169760	5.55%	0.143%
301	14.861	14.811	14.886	VV	17495	467402	15.28%	0.394%
302	14.890	14.886	14.899	VV	11095	79914	2.61%	0.067%
303	14.924	14.899	14.947	VV	56167	789405	25.80%	0.665%
304	14.981	14.947	15.014	VV	21164	427130	13.96%	0.360%
305	15.017	15.014	15.022	VV	2746	13435	0.44%	0.011%
306	15.045	15.022	15.061	VV	8155	131782	4.31%	0.111%
307	15.095	15.061	15.147	VV	133963	2052536	67.08%	1.730%
308	15.152	15.147	15.157	VV	2429	13602	0.44%	0.011%
309	15.189	15.157	15.209	VV	44506	558191	18.24%	0.471%
310	15.237	15.209	15.256	VV	131291	1656180	54.13%	1.396%
311	15.278	15.256	15.314	VV	140222	1770676	57.87%	1.493%
312	15.341	15.314	15.361	VV	9584	181468	5.93%	0.153%
313	15.394	15.361	15.451	VV	64511	1107200	36.19%	0.933%
314	15.470	15.451	15.511	VV	10343	203996	6.67%	0.172%
315	15.537	15.511	15.566	VV	11903	252195	8.24%	0.213%
316	15.591	15.566	15.624	VV	9384	224919	7.35%	0.190%
317	15.628	15.624	15.632	VV	3308	15596	0.51%	0.013%
318	15.641	15.632	15.652	VV	3379	36116	1.18%	0.030%
319	15.683	15.652	15.740	VV	67238	1223660	39.99%	1.031%
320	15.760	15.740	15.786	VV	3840	81304	2.66%	0.069%
321	15.819	15.786	15.849	VV	12140	255159	8.34%	0.215%
322	15.909	15.849	15.932	VV	36957	830798	27.15%	0.700%
323	15.949	15.932	15.976	VV	16159	228256	7.46%	0.192%
324	15.994	15.976	16.014	VV	11873	185135	6.05%	0.156%
325	16.070	16.014	16.111	VV	34314	905491	29.59%	0.763%
326	16.150	16.111	16.183	VV	13831	292121	9.55%	0.246%
327	16.190	16.183	16.192	VV	3210	15307	0.50%	0.013%
328	16.203	16.192	16.216	VV	3805	48002	1.57%	0.040%
329	16.233	16.216	16.250	VV	10760	140011	4.58%	0.118%
330	16.267	16.250	16.291	VV	8992	159431	5.21%	0.134%
331	16.330	16.291	16.371	VV	15458	349962	11.44%	0.295%
332	16.391	16.371	16.400	VV	2255	31420	1.03%	0.026%
333	16.412	16.400	16.422	VV	2571	28534	0.93%	0.024%
334	16.439	16.422	16.460	VV	3603	52753	1.72%	0.044%
335	16.466	16.460	16.481	VV	947	7826	0.26%	0.007%
336	16.523	16.481	16.541	VV	7326	133341	4.36%	0.112%
337	16.550	16.541	16.564	VV	2728	24806	0.81%	0.021%
338	16.585	16.564	16.600	PV	4540	65552	2.14%	0.055%
339	16.634	16.600	16.654	VV	5890	148739	4.86%	0.125%
340	16.661	16.654	16.666	VV	3341	22649	0.74%	0.019%
341	16.706	16.666	16.712	VV	15880	250492	8.19%	0.211%
342	16.726	16.712	16.752	VV	17684	254183	8.31%	0.214%
343	16.804	16.752	16.821	VV	174516	2635625	86.14%	2.222%
344	16.830	16.821	16.856	VV	76846	782701	25.58%	0.660%
345	16.861	16.856	16.866	VV	937	5461	0.18%	0.005%
346	16.891	16.866	16.906	VV	7132	113463	3.71%	0.096%
347	16.930	16.906	16.953	VV	43183	554555	18.12%	0.467%
348	16.969	16.953	16.984	VV	6007	89033	2.91%	0.075%
349	16.988	16.984	17.011	VV	4927	52755	1.72%	0.044%
350	17.051	17.011	17.070	VV	5329	100208	3.28%	0.084%
351	17.126	17.070	17.152	VV	177657	2665761	87.12%	2.247%

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352	17.184	17.152	17.228	VV	169022	2108132	68.90%	1.777%
353	17.252	17.228	17.259	VV	7950	90125	2.95%	0.076%
354	17.280	17.259	17.307	VV	44197	589593	19.27%	0.497%
355	17.341	17.307	17.374	VV	9471	230650	7.54%	0.194%
356	17.426	17.374	17.462	VV	13173	364139	11.90%	0.307%
357	17.484	17.462	17.502	VV	6138	84605	2.77%	0.071%
358	17.546	17.502	17.577	VV	22936	571621	18.68%	0.482%
359	17.580	17.577	17.611	VV	13140	168460	5.51%	0.142%
360	17.619	17.611	17.625	VV	4776	36588	1.20%	0.031%
361	17.649	17.625	17.656	VV	13453	180883	5.91%	0.152%
362	17.680	17.656	17.696	VV	18052	356603	11.65%	0.301%
363	17.706	17.696	17.748	VV	15106	344017	11.24%	0.290%
364	17.767	17.748	17.785	VV	9152	139924	4.57%	0.118%
365	17.799	17.785	17.814	VV	5772	84605	2.77%	0.071%
366	17.840	17.814	17.864	VV	33855	495204	16.18%	0.417%
367	17.879	17.864	17.920	VV	14128	251824	8.23%	0.212%
368	17.954	17.920	17.999	VV	6842	164457	5.37%	0.139%
369	18.024	17.999	18.044	PV	2527	30277	0.99%	0.026%
370	18.056	18.044	18.074	VV	1272	12968	0.42%	0.011%
371	18.102	18.074	18.108	VV	6238	76961	2.52%	0.065%
372	18.112	18.108	18.130	VV	6011	69862	2.28%	0.059%
373	18.168	18.130	18.215	VV	14949	460212	15.04%	0.388%
374	18.276	18.215	18.297	VV	14325	449694	14.70%	0.379%
375	18.325	18.297	18.364	VV	14434	399113	13.04%	0.336%
376	18.405	18.364	18.432	VV	23045	479676	15.68%	0.404%
377	18.463	18.432	18.483	VV	42024	683452	22.34%	0.576%
378	18.488	18.483	18.509	VV	16360	189737	6.20%	0.160%
379	18.558	18.509	18.579	VV	149246	2617127	85.53%	2.206%
380	18.594	18.579	18.622	VV	38585	650573	21.26%	0.548%
381	18.636	18.622	18.660	VV	13077	214574	7.01%	0.181%
382	18.687	18.660	18.703	VV	33974	501469	16.39%	0.423%
383	18.723	18.703	18.781	VV	39278	885493	28.94%	0.746%
384	18.818	18.781	18.845	VV	194066	2699940	88.24%	2.276%
385	18.849	18.845	18.866	VV	8353	101568	3.32%	0.086%
386	18.895	18.866	18.914	VV	16368	328156	10.72%	0.277%
387	18.941	18.914	18.972	VV	34671	591715	19.34%	0.499%
388	19.000	18.972	19.024	VV	22700	417514	13.65%	0.352%
389	19.038	19.024	19.051	VV	9213	130440	4.26%	0.110%
390	19.065	19.051	19.080	VV	6764	108146	3.53%	0.091%
391	19.117	19.080	19.147	VV	14914	433559	14.17%	0.365%
392	19.169	19.147	19.185	VV	8754	179073	5.85%	0.151%
393	19.218	19.185	19.225	VV	15292	270200	8.83%	0.228%
394	19.241	19.225	19.262	VV	19501	338268	11.06%	0.285%
395	19.286	19.262	19.306	VV	15548	322630	10.54%	0.272%
396	19.323	19.306	19.341	VV	21316	336690	11.00%	0.284%
397	19.368	19.341	19.387	VV	36420	775933	25.36%	0.654%
398	19.404	19.387	19.437	VV	34268	714826	23.36%	0.603%
399	19.448	19.437	19.461	VV	10404	139885	4.57%	0.118%
400	19.485	19.461	19.557	VV	27619	999934	32.68%	0.843%
401	19.564	19.557	19.582	VV	10229	139925	4.57%	0.118%
402	19.601	19.582	19.630	VV	13863	310606	10.15%	0.262%
403	19.652	19.630	19.679	VV	10957	274274	8.96%	0.231%
404	19.698	19.679	19.719	VV	10782	218510	7.14%	0.184%

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405	19.789	19.719	19.811	VV	28821	772428	25.24%	0.651%
406	19.827	19.811	19.837	VV	13595	198593	6.49%	0.167%
407	19.855	19.837	19.875	VV	15817	318496	10.41%	0.268%
408	19.899	19.875	19.932	VV	20818	519560	16.98%	0.438%
409	19.968	19.932	19.994	VV	57913	1182610	38.65%	0.997%
410	20.037	19.994	20.064	VV	50160	1291379	42.20%	1.089%
411	20.086	20.064	20.104	VV	24892	533058	17.42%	0.449%
412	20.125	20.104	20.139	VV	31815	573487	18.74%	0.483%
413	20.161	20.139	20.199	VV	46265	1068413	34.92%	0.901%
414	20.213	20.199	20.228	VV	15369	263185	8.60%	0.222%
415	20.252	20.228	20.280	VV	24554	593306	19.39%	0.500%
416	20.347	20.280	20.374	VV	69710	2106081	68.83%	1.775%
417	20.415	20.374	20.458	VV	36869	1371931	44.84%	1.156%
418	20.487	20.458	20.505	VV	27187	657080	21.47%	0.554%
419	20.530	20.505	20.563	VV	40869	997184	32.59%	0.841%
420	20.570	20.563	20.581	VV	20629	212221	6.94%	0.179%
421	20.621	20.581	20.661	VV	24369	1078108	35.23%	0.909%
422	20.694	20.661	20.735	VV	32284	1078149	35.24%	0.909%
423	20.764	20.735	20.792	VV	22854	746997	24.41%	0.630%
424	20.800	20.792	20.819	VV	22134	352406	11.52%	0.297%
425	20.832	20.819	20.861	VV	22395	546559	17.86%	0.461%
426	20.894	20.861	20.955	VV	37290	1403256	45.86%	1.183%
427	20.959	20.955	20.963	VV	19095	90765	2.97%	0.077%
428	20.967	20.963	20.972	VV	19067	111499	3.64%	0.094%
429	20.996	20.972	21.028	VV	22572	682858	22.32%	0.576%
430	21.045	21.028	21.087	VV	19917	667536	21.82%	0.563%
431	21.103	21.087	21.121	VV	17715	347447	11.36%	0.293%
432	21.141	21.121	21.167	VV	17789	482163	15.76%	0.406%
433	21.190	21.167	21.255	VV	17572	850461	27.79%	0.717%
434	21.296	21.255	21.340	VV	26865	928723	30.35%	0.783%
435	21.373	21.340	21.446	VV	15269	873723	28.55%	0.736%
436	21.484	21.446	21.531	VV	13207	607423	19.85%	0.512%
437	21.536	21.531	21.542	VV	11113	77056	2.52%	0.065%
438	21.551	21.542	21.564	VV	11228	141795	4.63%	0.120%
439	21.597	21.564	21.627	VV	12956	443175	14.48%	0.374%
440	21.636	21.627	21.657	VV	11249	201423	6.58%	0.170%
441	21.677	21.657	21.710	VV	11484	338487	11.06%	0.285%
442	21.749	21.710	21.793	VV	21117	793833	25.94%	0.669%
443	21.803	21.793	21.917	VV	12321	658392	21.52%	0.555%
444	21.938	21.917	21.964	VV	7224	188368	6.16%	0.159%
445	21.990	21.964	22.031	VV	7425	245395	8.02%	0.207%
446	22.078	22.031	22.127	VV	7755	322042	10.52%	0.271%
447	22.164	22.127	22.196	VV	8063	251419	8.22%	0.212%
448	22.260	22.196	22.305	VV	9421	402399	13.15%	0.339%
449	22.310	22.305	22.351	VV	3661	64875	2.12%	0.055%
450	22.362	22.351	22.392	VV	1291	24835	0.81%	0.021%
451	22.406	22.392	22.411	VV	743	7128	0.23%	0.006%
452	22.419	22.411	22.440	VV	679	8230	0.27%	0.007%
					Sum of corrected areas:		118633602	