

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041823\
 Data File : FF012506.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2023 13:26
 Sample : 02385-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041323.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.958	1.935	1.972	BV	158	1301	0.00%	0.000%
2	1.986	1.972	2.000	PV	147	1344	0.00%	0.000%
3	2.005	2.000	2.012	VV	184	681	0.00%	0.000%
4	2.016	2.012	2.023	VV	130	412	0.00%	0.000%
5	2.030	2.023	2.048	VV	97	844	0.00%	0.000%
6	2.067	2.048	2.109	VV	267	4284	0.00%	0.001%
7	2.113	2.109	2.124	VV	68	381	0.00%	0.000%
8	2.135	2.124	2.163	PV	111	1683	0.00%	0.000%
9	2.173	2.163	2.178	VV	119	525	0.00%	0.000%
10	2.192	2.178	2.197	VV	139	732	0.00%	0.000%
11	2.203	2.197	2.235	VV	119	1883	0.00%	0.001%
12	2.238	2.235	2.245	VV	57	334	0.00%	0.000%
13	2.248	2.245	2.253	VV	110	335	0.00%	0.000%
14	2.257	2.253	2.287	PV	176	1907	0.00%	0.001%
15	2.308	2.287	2.332	VV	421	7598	0.01%	0.002%
16	2.337	2.332	2.346	VV	315	2056	0.00%	0.001%
17	2.358	2.346	2.402	VV	997	15703	0.01%	0.004%
18	2.408	2.402	2.415	VV	211	1463	0.00%	0.000%
19	2.434	2.415	2.458	VV	407	6515	0.01%	0.002%
20	2.472	2.458	2.513	VV	200	4949	0.00%	0.001%
21	2.519	2.513	2.528	VV	166	1156	0.00%	0.000%
22	2.541	2.528	2.551	VV	172	1697	0.00%	0.000%
23	2.563	2.551	2.578	VV	183	1871	0.00%	0.001%
24	2.592	2.578	2.617	VV	275	3470	0.00%	0.001%
25	2.620	2.617	2.627	VV	147	788	0.00%	0.000%
26	2.636	2.627	2.653	VV	178	2247	0.00%	0.001%
27	2.662	2.653	2.675	VV	194	1696	0.00%	0.000%
28	2.680	2.675	2.693	VV	138	819	0.00%	0.000%
29	2.706	2.693	2.728	PV	167	1973	0.00%	0.001%
30	2.750	2.728	2.758	VV	274	3133	0.00%	0.001%
31	2.762	2.758	2.776	VV	317	2167	0.00%	0.001%
32	2.785	2.776	2.797	VV	213	1614	0.00%	0.000%
33	2.800	2.797	2.805	VV	146	513	0.00%	0.000%
34	2.810	2.805	2.816	VV	114	709	0.00%	0.000%
35	2.822	2.816	2.826	VV	141	634	0.00%	0.000%
36	2.832	2.826	2.837	VV	192	874	0.00%	0.000%

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37	2.842	2.837	2.854	VV	155	1385	0.00%	0.000%
38	2.857	2.854	2.863	VV	144	611	0.00%	0.000%
39	2.868	2.863	2.874	VV	193	831	0.00%	0.000%
40	2.878	2.874	2.895	VV	163	1565	0.00%	0.000%
41	2.912	2.895	2.919	VV	184	1942	0.00%	0.001%
42	2.924	2.919	2.932	VV	168	1041	0.00%	0.000%
43	2.962	2.932	2.994	VV	623	10411	0.01%	0.003%
44	2.997	2.994	3.002	VV	293	1142	0.00%	0.000%
45	3.019	3.002	3.047	VV	407	6636	0.01%	0.002%
46	3.073	3.047	3.092	VV	495	8350	0.01%	0.002%
47	3.099	3.092	3.125	VV	397	6586	0.01%	0.002%
48	3.137	3.125	3.162	VV	378	6357	0.00%	0.002%
49	3.168	3.162	3.173	VV	356	1660	0.00%	0.000%
50	3.186	3.173	3.208	VV	352	5474	0.00%	0.002%
51	3.213	3.208	3.218	VV	313	1849	0.00%	0.001%
52	3.232	3.218	3.273	VV	377	9252	0.01%	0.003%
53	3.277	3.273	3.282	VV	318	1493	0.00%	0.000%
54	3.288	3.282	3.294	VV	332	1891	0.00%	0.001%
55	3.305	3.294	3.309	VV	388	2834	0.00%	0.001%
56	3.326	3.309	3.333	VV	622	6673	0.01%	0.002%
57	3.345	3.333	3.361	VV	522	7270	0.01%	0.002%
58	3.365	3.361	3.386	VV	398	4897	0.00%	0.001%
59	3.391	3.386	3.411	VV	386	4758	0.00%	0.001%
60	3.414	3.411	3.423	VV	332	2324	0.00%	0.001%
61	3.427	3.423	3.431	VV	396	1696	0.00%	0.000%
62	3.440	3.431	3.458	VV	518	7278	0.01%	0.002%
63	3.461	3.458	3.490	VV	410	6102	0.00%	0.002%
64	3.496	3.490	3.522	VV	258	3929	0.00%	0.001%
65	3.529	3.522	3.541	VV	199	1651	0.00%	0.000%
66	3.550	3.541	3.561	VV	217	1723	0.00%	0.000%
67	3.569	3.561	3.595	VV	235	2850	0.00%	0.001%
68	3.607	3.595	3.626	VV	227	2243	0.00%	0.001%
69	3.637	3.626	3.656	VV	311	3614	0.00%	0.001%
70	3.659	3.656	3.665	VV	197	977	0.00%	0.000%
71	3.667	3.665	3.671	VV	207	634	0.00%	0.000%
72	3.679	3.671	3.714	VV	258	4138	0.00%	0.001%
73	3.741	3.714	3.755	VV	220	3789	0.00%	0.001%
74	3.781	3.755	3.791	VV	399	6454	0.00%	0.002%
75	3.795	3.791	3.805	VV	309	2053	0.00%	0.001%
76	3.807	3.805	3.818	VV	245	1351	0.00%	0.000%
77	3.830	3.818	3.837	VV	261	1962	0.00%	0.001%
78	3.847	3.837	3.865	VV	282	2895	0.00%	0.001%
79	3.875	3.865	3.888	VV	204	1639	0.00%	0.000%
80	3.911	3.888	3.925	VV	375	5397	0.00%	0.002%
81	3.933	3.925	3.947	VV	262	2150	0.00%	0.001%
82	3.954	3.947	3.983	VV	217	2540	0.00%	0.001%
83	3.990	3.983	3.996	VV	86	379	0.00%	0.000%
84	4.011	3.996	4.032	VV	301	4138	0.00%	0.001%
85	4.042	4.032	4.064	VV	254	2983	0.00%	0.001%
86	4.085	4.064	4.093	VV	123	1216	0.00%	0.000%
87	4.116	4.093	4.127	VV	391	4178	0.00%	0.001%
88	4.148	4.127	4.164	VV	651	9223	0.01%	0.003%
89	4.180	4.164	4.209	VV	587	12255	0.01%	0.003%

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90	4.221	4.209	4.260	VV	581	9282	0.01%	0.003%
91	4.262	4.260	4.279	VV	190	1433	0.00%	0.000%
92	4.317	4.279	4.333	VV	1032	17774	0.01%	0.005%
93	4.350	4.333	4.378	VV	775	12612	0.01%	0.004%
94	4.382	4.378	4.402	VV	298	3366	0.00%	0.001%
95	4.411	4.402	4.439	VV	313	3475	0.00%	0.001%
96	4.463	4.439	4.487	VV	244	4037	0.00%	0.001%
97	4.493	4.487	4.497	VV	124	490	0.00%	0.000%
98	4.517	4.497	4.542	PV	422	5364	0.00%	0.002%
99	4.551	4.542	4.556	VV	185	1179	0.00%	0.000%
100	4.573	4.556	4.599	VV	1132	13208	0.01%	0.004%
101	4.614	4.599	4.632	VV	479	4738	0.00%	0.001%
102	4.649	4.632	4.668	VV	359	4423	0.00%	0.001%
103	4.692	4.668	4.718	VV	174	3057	0.00%	0.001%
104	4.746	4.718	4.771	PV	768	10433	0.01%	0.003%
105	4.784	4.771	4.802	VV	330	4379	0.00%	0.001%
106	4.810	4.802	4.818	VV	312	2238	0.00%	0.001%
107	4.823	4.818	4.841	VV	222	2226	0.00%	0.001%
108	4.855	4.841	4.870	VV	536	5493	0.00%	0.002%
109	4.882	4.870	4.898	VV	334	4444	0.00%	0.001%
110	4.912	4.898	4.928	VV	406	4975	0.00%	0.001%
111	4.940	4.928	4.952	VV	512	4465	0.00%	0.001%
112	4.990	4.952	5.004	VV	889	18058	0.01%	0.005%
113	5.033	5.004	5.052	VV	1167	26230	0.02%	0.007%
114	5.081	5.052	5.136	VV	2218	52338	0.04%	0.015%
115	5.151	5.136	5.172	VV	615	8867	0.01%	0.003%
116	5.184	5.172	5.206	VV	386	5067	0.00%	0.001%
117	5.246	5.206	5.259	VV	520	10742	0.01%	0.003%
118	5.280	5.259	5.307	VV	993	16759	0.01%	0.005%
119	5.325	5.307	5.340	VV	837	10656	0.01%	0.003%
120	5.359	5.340	5.374	VV	1024	13182	0.01%	0.004%
121	5.392	5.374	5.431	VV	1033	19049	0.01%	0.005%
122	5.436	5.431	5.467	VV	300	4270	0.00%	0.001%
123	5.487	5.467	5.499	PV	560	6608	0.01%	0.002%
124	5.517	5.499	5.537	VV	1743	22453	0.02%	0.006%
125	5.555	5.537	5.572	VV	1119	17209	0.01%	0.005%
126	5.585	5.572	5.603	VV	1024	12429	0.01%	0.004%
127	5.608	5.603	5.622	VV	324	3174	0.00%	0.001%
128	5.649	5.622	5.666	VV	671	9091	0.01%	0.003%
129	5.679	5.666	5.688	VV	251	1969	0.00%	0.001%
130	5.707	5.688	5.754	VV	3446	64643	0.05%	0.018%
131	5.780	5.754	5.813	VV	789	12327	0.01%	0.003%
132	5.831	5.813	5.850	PV	945	11613	0.01%	0.003%
133	5.861	5.850	5.870	VV	336	3046	0.00%	0.001%
134	5.892	5.870	5.922	VV	1939	30477	0.02%	0.009%
135	5.931	5.922	5.952	VV	542	5940	0.00%	0.002%
136	5.971	5.952	5.983	VV	861	9498	0.01%	0.003%
137	6.000	5.983	6.014	VV	2478	30270	0.02%	0.009%
138	6.017	6.014	6.044	VV	1700	18379	0.01%	0.005%
139	6.056	6.044	6.067	VV	614	6442	0.00%	0.002%
140	6.069	6.067	6.081	VV	564	3970	0.00%	0.001%
141	6.096	6.081	6.125	VV	2543	32602	0.03%	0.009%

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142	6.138	6.125	6.156	VV	874	11131	0.01%	0.003%
143	6.183	6.156	6.205	VV	1386	19194	0.01%	0.005%
144	6.238	6.205	6.259	VV	1421	26716	0.02%	0.008%
145	6.293	6.259	6.306	VV	1409	28036	0.02%	0.008%
146	6.316	6.306	6.324	VV	1437	14533	0.01%	0.004%
147	6.330	6.324	6.357	VV	1446	15099	0.01%	0.004%
148	6.378	6.357	6.400	PV	1489	18085	0.01%	0.005%
149	6.420	6.400	6.432	VV	1825	25063	0.02%	0.007%
150	6.444	6.432	6.456	VV	2137	24630	0.02%	0.007%
151	6.461	6.456	6.490	VV	1497	20539	0.02%	0.006%
152	6.507	6.490	6.521	VV	1648	18219	0.01%	0.005%
153	6.527	6.521	6.538	VV	795	7609	0.01%	0.002%
154	6.559	6.538	6.567	VV	1847	25153	0.02%	0.007%
155	6.575	6.567	6.595	VV	1691	19667	0.02%	0.006%
156	6.606	6.595	6.623	VV	880	11637	0.01%	0.003%
157	6.630	6.623	6.635	VV	619	4113	0.00%	0.001%
158	6.662	6.635	6.693	VV	2940	48738	0.04%	0.014%
159	6.704	6.693	6.713	VV	653	6605	0.01%	0.002%
160	6.733	6.713	6.780	VV	7043	93563	0.07%	0.027%
161	6.791	6.780	6.803	VV	282	2179	0.00%	0.001%
162	6.822	6.803	6.836	VV	935	10327	0.01%	0.003%
163	6.853	6.836	6.871	VV	1677	24182	0.02%	0.007%
164	6.885	6.871	6.917	VV	3448	45591	0.04%	0.013%
165	6.935	6.917	6.950	VV	1797	23971	0.02%	0.007%
166	6.960	6.950	6.972	VV	973	9699	0.01%	0.003%
167	6.995	6.972	7.003	VV	1026	15523	0.01%	0.004%
168	7.018	7.003	7.038	VV	3798	39723	0.03%	0.011%
169	7.061	7.038	7.068	PV	1501	15583	0.01%	0.004%
170	7.080	7.068	7.110	VV	1905	29563	0.02%	0.008%
171	7.142	7.110	7.171	VV	8481	106312	0.08%	0.030%
172	7.180	7.171	7.197	VV	965	13003	0.01%	0.004%
173	7.216	7.197	7.230	VV	1728	26489	0.02%	0.008%
174	7.264	7.230	7.286	VV	3697	73771	0.06%	0.021%
175	7.307	7.286	7.334	VV	4849	65665	0.05%	0.019%
176	7.354	7.334	7.360	VV	2927	30634	0.02%	0.009%
177	7.375	7.360	7.396	VV	6027	82356	0.06%	0.023%
178	7.410	7.396	7.432	VV	3320	42903	0.03%	0.012%
179	7.452	7.432	7.492	VV	5292	81834	0.06%	0.023%
180	7.511	7.492	7.536	VV	2851	45162	0.03%	0.013%
181	7.553	7.536	7.570	VV	2079	22788	0.02%	0.006%
182	7.583	7.570	7.618	VV	1039	22915	0.02%	0.007%
183	7.658	7.618	7.664	VV	8732	92809	0.07%	0.026%
184	7.678	7.664	7.703	VV	18332	217685	0.17%	0.062%
185	7.719	7.703	7.742	VV	3238	54305	0.04%	0.015%
186	7.750	7.742	7.789	VV	2361	47138	0.04%	0.013%
187	7.802	7.789	7.816	VV	921	10990	0.01%	0.003%
188	7.822	7.816	7.826	VV	482	2623	0.00%	0.001%
189	7.853	7.826	7.868	VV	6411	83298	0.06%	0.024%
190	7.872	7.868	7.891	VV	3573	31466	0.02%	0.009%
191	7.909	7.891	7.927	VV	2580	31316	0.02%	0.009%
192	7.950	7.927	7.962	VV	1260	15871	0.01%	0.005%
193	7.970	7.962	7.979	VV	842	7541	0.01%	0.002%
194	7.995	7.979	8.006	VV	3317	35395	0.03%	0.010%

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195	8.016	8.006	8.035	VV	2812	33380	0.03%	0.009%
196	8.049	8.035	8.087	VV	2182	40670	0.03%	0.012%
197	8.112	8.087	8.127	VV	3692	55441	0.04%	0.016%
198	8.139	8.127	8.147	VV	3227	35406	0.03%	0.010%
199	8.160	8.147	8.177	VV	3507	45909	0.04%	0.013%
200	8.204	8.177	8.227	VV	4461	65007	0.05%	0.018%
201	8.251	8.227	8.270	VV	5286	74054	0.06%	0.021%
202	8.290	8.270	8.300	VV	7045	81292	0.06%	0.023%
203	8.311	8.300	8.335	VV	6959	86271	0.07%	0.024%
204	8.377	8.335	8.422	VV	8661	159917	0.12%	0.045%
205	8.433	8.422	8.448	VV	1639	24147	0.02%	0.007%
206	8.469	8.448	8.476	VV	4945	57460	0.04%	0.016%
207	8.511	8.476	8.528	VV	6559	174965	0.13%	0.050%
208	8.557	8.528	8.587	VV	30664	450483	0.35%	0.128%
209	8.602	8.587	8.619	VV	5641	87073	0.07%	0.025%
210	8.669	8.619	8.714	VV	9431	352120	0.27%	0.100%
211	8.722	8.714	8.736	VV	5948	66769	0.05%	0.019%
212	8.747	8.736	8.763	VV	5203	68472	0.05%	0.019%
213	8.782	8.763	8.823	VV	7246	142474	0.11%	0.040%
214	8.850	8.823	8.875	VV	3054	61368	0.05%	0.017%
215	8.887	8.875	8.899	VV	2273	25247	0.02%	0.007%
216	8.934	8.899	8.947	VV	4672	95626	0.07%	0.027%
217	8.970	8.947	8.992	VV	6998	154636	0.12%	0.044%
218	9.008	8.992	9.033	VV	6260	126866	0.10%	0.036%
219	9.049	9.033	9.070	VV	5557	97771	0.08%	0.028%
220	9.096	9.070	9.121	VV	14440	219849	0.17%	0.062%
221	9.150	9.121	9.192	VV	5905	149570	0.12%	0.042%
222	9.210	9.192	9.232	VV	4916	88479	0.07%	0.025%
223	9.246	9.232	9.269	VV	5143	79916	0.06%	0.023%
224	9.278	9.269	9.291	VV	2335	29989	0.02%	0.009%
225	9.322	9.291	9.345	VV	4559	110217	0.08%	0.031%
226	9.383	9.345	9.409	VV	43169	557061	0.43%	0.158%
227	9.421	9.409	9.450	VV	5337	99250	0.08%	0.028%
228	9.468	9.450	9.498	VV	4030	82317	0.06%	0.023%
229	9.536	9.498	9.555	VV	3855	85624	0.07%	0.024%
230	9.572	9.555	9.577	VV	2988	30067	0.02%	0.009%
231	9.584	9.577	9.600	VV	3113	35029	0.03%	0.010%
232	9.618	9.600	9.652	VV	4652	98826	0.08%	0.028%
233	9.671	9.652	9.695	VV	4905	87424	0.07%	0.025%
234	9.716	9.695	9.736	VV	6361	104135	0.08%	0.030%
235	9.759	9.736	9.791	VV	14151	276211	0.21%	0.078%
236	9.802	9.791	9.815	VV	5448	68619	0.05%	0.019%
237	9.840	9.815	9.867	VV	8452	173365	0.13%	0.049%
238	9.889	9.867	9.908	VV	7220	123606	0.10%	0.035%
239	9.917	9.908	9.925	VV	4124	41220	0.03%	0.012%
240	9.941	9.925	9.972	VV	7509	127643	0.10%	0.036%
241	9.995	9.972	10.009	VV	2649	52785	0.04%	0.015%
242	10.037	10.009	10.064	VV	21621	299052	0.23%	0.085%
243	10.078	10.064	10.090	VV	5033	69764	0.05%	0.020%
244	10.118	10.090	10.140	VV	6504	149312	0.12%	0.042%
245	10.162	10.140	10.220	VV	48108	640963	0.49%	0.182%
246	10.243	10.220	10.255	VV	3118	59113	0.05%	0.017%

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247	10.266	10.255	10.311	VV	2963	51785	0.04%	0.015%
248	10.338	10.311	10.366	VV	2589	44105	0.03%	0.013%
249	10.376	10.366	10.388	VV	1078	11618	0.01%	0.003%
250	10.401	10.388	10.405	VV	813	7439	0.01%	0.002%
251	10.411	10.405	10.418	VV	898	6296	0.00%	0.002%
252	10.437	10.418	10.455	VV	1796	24977	0.02%	0.007%
253	10.507	10.455	10.524	VV	5985	106171	0.08%	0.030%
254	10.551	10.524	10.581	VV	16708	267102	0.21%	0.076%
255	10.602	10.581	10.622	VV	5481	92210	0.07%	0.026%
256	10.639	10.622	10.663	VV	8183	115053	0.09%	0.033%
257	10.693	10.663	10.725	VV	6937	126239	0.10%	0.036%
258	10.752	10.725	10.777	VV	2534	52204	0.04%	0.015%
259	10.817	10.777	10.846	VV	4843	133506	0.10%	0.038%
260	10.852	10.846	10.866	VV	2445	26067	0.02%	0.007%
261	10.900	10.866	10.934	VV	46915	606972	0.47%	0.172%
262	10.956	10.934	10.962	VV	16239	186302	0.14%	0.053%
263	10.971	10.962	11.001	VV	18084	244139	0.19%	0.069%
264	11.023	11.001	11.052	VV	2911	65866	0.05%	0.019%
265	11.066	11.052	11.079	VV	1387	18866	0.01%	0.005%
266	11.120	11.079	11.137	VV	1735	44375	0.03%	0.013%
267	11.162	11.137	11.202	VV	36083	489318	0.38%	0.139%
268	11.238	11.202	11.260	VV	12588	218610	0.17%	0.062%
269	11.290	11.260	11.334	VV	6767	181845	0.14%	0.052%
270	11.355	11.334	11.389	VV	4282	67891	0.05%	0.019%
271	11.408	11.389	11.428	VV	3705	44132	0.03%	0.013%
272	11.456	11.428	11.490	VV	4263	85629	0.07%	0.024%
273	11.525	11.490	11.540	VV	2734	45281	0.03%	0.013%
274	11.556	11.540	11.565	VV	1664	20287	0.02%	0.006%
275	11.570	11.565	11.576	VV	1564	10068	0.01%	0.003%
276	11.603	11.576	11.628	VV	38885	472053	0.36%	0.134%
277	11.653	11.628	11.668	VV	4433	72174	0.06%	0.020%
278	11.692	11.668	11.734	VV	14841	224713	0.17%	0.064%
279	11.758	11.734	11.782	VV	1643	21283	0.02%	0.006%
280	11.799	11.782	11.807	PV	1513	15628	0.01%	0.004%
281	11.813	11.807	11.829	VV	1382	12507	0.01%	0.004%
282	11.865	11.829	11.877	VV	1952	36070	0.03%	0.010%
283	11.896	11.877	11.939	VV	3574	88873	0.07%	0.025%
284	11.964	11.939	11.979	VV	6644	91640	0.07%	0.026%
285	11.997	11.979	12.022	VV	10759	147732	0.11%	0.042%
286	12.036	12.022	12.050	VV	2995	36689	0.03%	0.010%
287	12.081	12.050	12.100	VV	8616	143863	0.11%	0.041%
288	12.113	12.100	12.125	VV	4388	50587	0.04%	0.014%
289	12.162	12.125	12.190	VV	19831	328397	0.25%	0.093%
290	12.221	12.190	12.235	VV	4254	75568	0.06%	0.021%
291	12.274	12.235	12.297	VV	31606	472760	0.36%	0.134%
292	12.338	12.297	12.375	VV	1559603	19291385	14.87%	5.473%
293	12.381	12.375	12.419	VV	4346	54703	0.04%	0.016%
294	12.437	12.419	12.457	VV	2566	32833	0.03%	0.009%
295	12.509	12.457	12.516	VV	12717	200629	0.15%	0.057%
296	12.547	12.516	12.582	VV	67620	1074393	0.83%	0.305%
297	12.606	12.582	12.630	VV	31509	403366	0.31%	0.114%
298	12.650	12.630	12.658	VV	4188	58268	0.04%	0.017%
299	12.679	12.658	12.717	VV	7298	145865	0.11%	0.041%

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300	12.760	12.717	12.779	VV	28041	391616	0.30%	0.111%
301	12.794	12.779	12.814	VV	10871	134917	0.10%	0.038%
302	12.831	12.814	12.843	VV	3543	51044	0.04%	0.014%
303	12.867	12.843	12.886	VV	6564	112459	0.09%	0.032%
304	12.912	12.886	12.945	VV	31212	441157	0.34%	0.125%
305	12.985	12.945	13.039	VV	44768	822773	0.63%	0.233%
306	13.084	13.039	13.095	VV	2129	48314	0.04%	0.014%
307	13.124	13.095	13.153	VV	6473	126604	0.10%	0.036%
308	13.172	13.153	13.195	VV	4588	76853	0.06%	0.022%
309	13.228	13.195	13.257	VV	3990	94408	0.07%	0.027%
310	13.283	13.257	13.315	PV	32960	459149	0.35%	0.130%
311	13.396	13.315	13.417	VV	5009207	129725347	100.00%	36.805%
312	13.444	13.417	13.491	VV	3542141	52218296	40.25%	14.815%
313	13.507	13.491	13.515	VV	11060	118938	0.09%	0.034%
314	13.531	13.515	13.547	VV	23161	295381	0.23%	0.084%
315	13.592	13.547	13.637	VV	776536	10135521	7.81%	2.876%
316	13.647	13.637	13.691	VV	8184	176973	0.14%	0.050%
317	13.705	13.691	13.718	VV	2412	31978	0.02%	0.009%
318	13.742	13.718	13.756	VV	11432	170590	0.13%	0.048%
319	13.762	13.756	13.822	VV	10015	177810	0.14%	0.050%
320	13.842	13.822	13.846	VV	2026	21946	0.02%	0.006%
321	13.875	13.846	13.938	VV	14898	382548	0.29%	0.109%
322	13.952	13.938	13.965	VV	3694	44080	0.03%	0.013%
323	13.997	13.965	14.026	VV	8685	197822	0.15%	0.056%
324	14.039	14.026	14.051	VV	3555	41513	0.03%	0.012%
325	14.067	14.051	14.086	VV	4287	59813	0.05%	0.017%
326	14.111	14.086	14.131	VV	20347	266659	0.21%	0.076%
327	14.159	14.131	14.184	VV	9280	197638	0.15%	0.056%
328	14.223	14.184	14.269	VV	7734	229193	0.18%	0.065%
329	14.279	14.269	14.297	VV	1273	15884	0.01%	0.005%
330	14.326	14.297	14.335	VV	11491	151725	0.12%	0.043%
331	14.344	14.335	14.368	VV	10845	156013	0.12%	0.044%
332	14.393	14.368	14.407	VV	15107	227097	0.18%	0.064%
333	14.416	14.407	14.460	VV	12178	240138	0.19%	0.068%
334	14.500	14.460	14.506	VV	13072	218103	0.17%	0.062%
335	14.517	14.506	14.534	VV	12557	180875	0.14%	0.051%
336	14.564	14.534	14.584	VV	38911	617320	0.48%	0.175%
337	14.596	14.584	14.645	VV	14481	299413	0.23%	0.085%
338	14.673	14.645	14.703	VV	22918	405539	0.31%	0.115%
339	14.730	14.703	14.767	VV	78586	1147244	0.88%	0.325%
340	14.791	14.767	14.822	VV	17622	283424	0.22%	0.080%
341	14.845	14.822	14.875	VV	14576	226013	0.17%	0.064%
342	14.895	14.875	14.910	VV	4441	65258	0.05%	0.019%
343	14.925	14.910	14.949	VV	2867	41453	0.03%	0.012%
344	15.009	14.949	15.039	VV	116062	1632352	1.26%	0.463%
345	15.049	15.039	15.082	VV	4777	73336	0.06%	0.021%
346	15.120	15.082	15.140	PV	7514	141012	0.11%	0.040%
347	15.165	15.140	15.182	VV	16745	247959	0.19%	0.070%
348	15.207	15.182	15.243	VV	39991	630119	0.49%	0.179%
349	15.266	15.243	15.285	VV	6498	102418	0.08%	0.029%
350	15.299	15.285	15.313	VV	5164	73249	0.06%	0.021%
351	15.345	15.313	15.387	VV	7471	217243	0.17%	0.062%

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352	15.409	15.387	15.435	VV	2916	53176	0.04%	0.015%
353	15.476	15.435	15.496	PV	3588	63463	0.05%	0.018%
354	15.517	15.496	15.542	VV	3007	62098	0.05%	0.018%
355	15.546	15.542	15.561	VV	1977	15592	0.01%	0.004%
356	15.592	15.561	15.690	VV	56494	935061	0.72%	0.265%
357	15.730	15.690	15.762	PV	13196	205435	0.16%	0.058%
358	15.790	15.762	15.820	VV	59054	784016	0.60%	0.222%
359	15.835	15.820	15.852	VV	5443	77208	0.06%	0.022%
360	15.870	15.852	15.893	VV	4576	72284	0.06%	0.021%
361	15.957	15.893	15.962	VV	3102	79053	0.06%	0.022%
362	15.995	15.962	16.022	VV	6344	146941	0.11%	0.042%
363	16.028	16.022	16.041	VV	1994	19299	0.01%	0.005%
364	16.061	16.041	16.066	VV	1656	20040	0.02%	0.006%
365	16.074	16.066	16.090	VV	1406	14722	0.01%	0.004%
366	16.119	16.090	16.124	VV	2863	42405	0.03%	0.012%
367	16.128	16.124	16.134	VV	2447	13079	0.01%	0.004%
368	16.166	16.134	16.177	VV	2983	66124	0.05%	0.019%
369	16.193	16.177	16.199	VV	3492	37031	0.03%	0.011%
370	16.229	16.199	16.255	VV	13069	219869	0.17%	0.062%
371	16.290	16.255	16.326	VV	8441	158182	0.12%	0.045%
372	16.343	16.326	16.355	VV	944	10644	0.01%	0.003%
373	16.369	16.355	16.384	VV	1088	10612	0.01%	0.003%
374	16.432	16.384	16.454	PV	3271	73760	0.06%	0.021%
375	16.475	16.454	16.488	VV	2451	35217	0.03%	0.010%
376	16.537	16.488	16.559	VV	8005	191436	0.15%	0.054%
377	16.605	16.559	16.658	VV	11047	353037	0.27%	0.100%
378	16.672	16.658	16.687	VV	2853	40859	0.03%	0.012%
379	16.720	16.687	16.743	VV	24475	435082	0.34%	0.123%
380	16.775	16.743	16.803	VV	24085	436111	0.34%	0.124%
381	16.820	16.803	16.826	VV	4968	63940	0.05%	0.018%
382	16.829	16.826	16.832	VV	4695	16360	0.01%	0.005%
383	16.853	16.832	16.878	VV	9169	188495	0.15%	0.053%
384	16.908	16.878	16.920	VV	6147	138750	0.11%	0.039%
385	16.931	16.920	16.951	VV	5206	87530	0.07%	0.025%
386	16.982	16.951	16.997	VV	5699	135096	0.10%	0.038%
387	17.010	16.997	17.025	VV	7115	99501	0.08%	0.028%
388	17.046	17.025	17.082	VV	12923	272558	0.21%	0.077%
389	17.104	17.082	17.126	VV	15011	241763	0.19%	0.069%
390	17.179	17.126	17.195	VV	13836	324422	0.25%	0.092%
391	17.228	17.195	17.267	VV	23763	593347	0.46%	0.168%
392	17.280	17.267	17.284	VV	7298	71484	0.06%	0.020%
393	17.291	17.284	17.311	VV	7081	104476	0.08%	0.030%
394	17.316	17.311	17.319	VV	5800	27632	0.02%	0.008%
395	17.326	17.319	17.331	VV	6114	41179	0.03%	0.012%
396	17.362	17.331	17.379	VV	7297	179970	0.14%	0.051%
397	17.430	17.379	17.439	VV	11774	324855	0.25%	0.092%
398	17.465	17.439	17.471	VV	13293	235979	0.18%	0.067%
399	17.473	17.471	17.478	VV	12600	53078	0.04%	0.015%
400	17.508	17.478	17.524	VV	18006	417378	0.32%	0.118%
401	17.549	17.524	17.565	VV	18738	412899	0.32%	0.117%
402	17.574	17.565	17.588	VV	17072	223451	0.17%	0.063%
403	17.602	17.588	17.611	VV	17054	217653	0.17%	0.062%
404	17.628	17.611	17.650	VV	21342	395280	0.30%	0.112%

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405	17.674	17.650	17.687	VV	16042	315460	0.24%	0.090%
406	17.702	17.687	17.729	VV	15122	362861	0.28%	0.103%
407	17.752	17.729	17.757	VV	17923	258452	0.20%	0.073%
408	17.766	17.757	17.791	VV	18133	357527	0.28%	0.101%
409	17.810	17.791	17.822	VV	19238	322171	0.25%	0.091%
410	17.830	17.822	17.838	VV	18241	166011	0.13%	0.047%
411	17.875	17.838	17.882	VV	23195	540991	0.42%	0.153%
412	17.901	17.882	17.917	VV	25353	508247	0.39%	0.144%
413	17.969	17.917	18.037	VV	31732	1870548	1.44%	0.531%
414	18.067	18.037	18.104	VV	26344	811209	0.63%	0.230%
415	18.137	18.104	18.167	VV	14726	486036	0.37%	0.138%
416	18.222	18.167	18.237	VV	23782	665318	0.51%	0.189%
417	18.262	18.237	18.273	VV	20681	411940	0.32%	0.117%
418	18.308	18.273	18.313	VV	22706	470602	0.36%	0.134%
419	18.330	18.313	18.350	VV	24830	513130	0.40%	0.146%
420	18.357	18.350	18.365	VV	22733	209966	0.16%	0.060%
421	18.424	18.365	18.464	VV	67738	2312662	1.78%	0.656%
422	18.486	18.464	18.509	VV	39250	892463	0.69%	0.253%
423	18.513	18.509	18.539	VV	25095	410128	0.32%	0.116%
424	18.553	18.539	18.557	VV	20836	222071	0.17%	0.063%
425	18.588	18.557	18.604	VV	31572	720306	0.56%	0.204%
426	18.609	18.604	18.633	VV	24500	405892	0.31%	0.115%
427	18.662	18.633	18.692	VV	22952	733373	0.57%	0.208%
428	18.707	18.692	18.717	VV	19808	283761	0.22%	0.081%
429	18.737	18.717	18.769	VV	27135	698310	0.54%	0.198%
430	18.774	18.769	18.784	VV	19138	160786	0.12%	0.046%
431	18.796	18.784	18.808	VV	18686	270061	0.21%	0.077%
432	18.825	18.808	18.831	VV	19261	250987	0.19%	0.071%
433	18.893	18.831	18.945	VV	43161	1736776	1.34%	0.493%
434	19.022	18.945	19.043	VV	35978	1544951	1.19%	0.438%
435	19.062	19.043	19.082	VV	36287	762878	0.59%	0.216%
436	19.089	19.082	19.109	VV	28814	437803	0.34%	0.124%
437	19.121	19.109	19.125	VV	26659	250469	0.19%	0.071%
438	19.143	19.125	19.148	VV	28487	373203	0.29%	0.106%
439	19.156	19.148	19.168	VV	29362	342417	0.26%	0.097%
440	19.184	19.168	19.193	VV	31301	454253	0.35%	0.129%
441	19.201	19.193	19.212	VV	29713	327998	0.25%	0.093%
442	19.258	19.212	19.286	VV	73998	2178055	1.68%	0.618%
443	19.301	19.286	19.305	VV	46694	517842	0.40%	0.147%
444	19.312	19.305	19.332	VV	48305	748749	0.58%	0.212%
445	19.342	19.332	19.367	VV	44412	840123	0.65%	0.238%
446	19.426	19.367	19.432	VV	51307	1759404	1.36%	0.499%
447	19.463	19.432	19.470	VV	55456	1193371	0.92%	0.339%
448	19.510	19.470	19.516	VV	69778	1680414	1.30%	0.477%
449	19.520	19.516	19.538	VV	68730	905414	0.70%	0.257%
450	19.544	19.538	19.551	VV	65566	489010	0.38%	0.139%
451	19.576	19.551	19.629	VV	67424	2577116	1.99%	0.731%
452	19.639	19.629	19.649	VV	37212	430282	0.33%	0.122%
453	19.689	19.649	19.706	VV	43099	1359169	1.05%	0.386%
454	19.726	19.706	19.747	VV	46723	1105385	0.85%	0.314%
455	19.790	19.747	19.850	VV	57541	3167352	2.44%	0.899%
456	19.862	19.850	19.877	VV	50151	800059	0.62%	0.227%

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457	19.896	19.877	19.904	VV	56342	847581	0.65%	0.240%
458	19.919	19.904	19.927	VV	57377	776461	0.60%	0.220%
459	19.931	19.927	19.940	VV	57492	458044	0.35%	0.130%
460	19.965	19.940	20.016	VV	59654	2471072	1.90%	0.701%
461	20.039	20.016	20.044	VV	59352	896957	0.69%	0.254%
462	20.047	20.044	20.052	VV	58888	295803	0.23%	0.084%
463	20.063	20.052	20.072	VV	60732	709676	0.55%	0.201%
464	20.080	20.072	20.085	VV	58920	466479	0.36%	0.132%
465	20.092	20.085	20.101	VV	59737	562875	0.43%	0.160%
466	20.115	20.101	20.124	VV	61454	798201	0.62%	0.226%
467	20.128	20.124	20.136	VV	56761	388704	0.30%	0.110%
468	20.145	20.136	20.167	VV	55022	1015089	0.78%	0.288%
469	20.171	20.167	20.190	VV	53297	726868	0.56%	0.206%
470	20.226	20.190	20.232	VV	55710	1345394	1.04%	0.382%
471	20.237	20.232	20.244	VV	55930	390186	0.30%	0.111%
472	20.278	20.244	20.300	VV	62250	1995865	1.54%	0.566%
473	20.310	20.300	20.316	VV	63659	570531	0.44%	0.162%
474	20.345	20.316	20.350	VV	73361	1346669	1.04%	0.382%
475	20.364	20.350	20.408	VV	76582	2540112	1.96%	0.721%
476	20.424	20.408	20.458	VV	70450	1909696	1.47%	0.542%
477	20.468	20.458	20.474	VV	59545	555252	0.43%	0.158%
478	20.498	20.474	20.515	VV	71018	1619545	1.25%	0.459%
479	20.590	20.515	20.611	VV	113348	5343630	4.12%	1.516%
480	20.617	20.611	20.656	VV	103144	2395386	1.85%	0.680%
481	20.660	20.656	20.665	VV	69472	351599	0.27%	0.100%
482	20.681	20.665	20.691	VV	69994	1088115	0.84%	0.309%
483	20.705	20.691	20.710	VV	67391	774748	0.60%	0.220%
484	20.715	20.710	20.723	VV	65282	492115	0.38%	0.140%
485	20.745	20.723	20.758	VV	67730	1358797	1.05%	0.386%
486	20.779	20.758	20.820	VV	70751	2464993	1.90%	0.699%
487	20.834	20.820	20.840	VV	62283	716345	0.55%	0.203%
488	20.860	20.840	20.865	VV	63477	940849	0.73%	0.267%
489	20.897	20.865	20.936	VV	68099	2752603	2.12%	0.781%
490	20.941	20.936	20.945	VV	59543	331531	0.26%	0.094%
491	20.951	20.945	20.958	VV	61184	440647	0.34%	0.125%
492	20.966	20.958	20.981	VV	57426	786260	0.61%	0.223%
493	20.987	20.981	21.003	VV	55696	725597	0.56%	0.206%
494	21.011	21.003	21.059	VV	54237	1735802	1.34%	0.492%
495	21.063	21.059	21.072	VV	48976	363594	0.28%	0.103%
496	21.077	21.072	21.099	VV	47554	744637	0.57%	0.211%
497	21.104	21.099	21.109	VV	43119	247862	0.19%	0.070%
498	21.144	21.109	21.167	VV	46069	1560692	1.20%	0.443%
499	21.172	21.167	21.230	VV	43912	1551252	1.20%	0.440%
500	21.249	21.230	21.257	VV	37634	586623	0.45%	0.166%
501	21.284	21.257	21.302	VV	39234	1030337	0.79%	0.292%
502	21.310	21.302	21.335	VV	36852	716220	0.55%	0.203%
503	21.344	21.335	21.364	VV	35098	573020	0.44%	0.163%
504	21.370	21.364	21.395	VV	32936	595536	0.46%	0.169%
505	21.404	21.395	21.424	VV	31319	521350	0.40%	0.148%
506	21.432	21.424	21.443	VV	28686	307533	0.24%	0.087%
507	21.461	21.443	21.501	VV	27345	905545	0.70%	0.257%
508	21.506	21.501	21.511	VV	23942	141247	0.11%	0.040%
509	21.528	21.511	21.550	VV	25499	568847	0.44%	0.161%

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510	21.584	21.550	21.611	VV	28054	914884	0.71%	0.260%
511	21.617	21.611	21.639	VV	22710	344132	0.27%	0.098%
512	21.653	21.639	21.656	VV	21842	219462	0.17%	0.062%
513	21.661	21.656	21.680	VV	22136	290027	0.22%	0.082%
514	21.684	21.680	21.697	VV	19605	206121	0.16%	0.058%
515	21.700	21.697	21.704	VV	19962	80398	0.06%	0.023%
516	21.707	21.704	21.742	VV	19604	384973	0.30%	0.109%
517	21.777	21.742	21.791	VV	16698	458972	0.35%	0.130%
518	21.796	21.791	21.811	VV	14229	166103	0.13%	0.047%
519	21.818	21.811	21.843	VV	13873	232619	0.18%	0.066%
520	21.857	21.843	21.880	VV	12076	243303	0.19%	0.069%
521	21.913	21.880	21.963	VV	11885	420138	0.32%	0.119%
522	22.005	21.963	22.043	VV	10686	281558	0.22%	0.080%
523	22.079	22.043	22.110	VV	8601	220138	0.17%	0.062%
524	22.127	22.110	22.131	VV	2999	26738	0.02%	0.008%
525	22.142	22.131	22.165	VV	3493	40026	0.03%	0.011%

Sum of corrected areas: 352464068

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