

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071219\
 Data File : FE030147.D
 Signal(s) : FID1B.CH
 Acq On : 12 Jul 2019 21:20
 Sample : K3768-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE062019.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.412	2.365	2.435	BV	104	773	0.02%	0.001%
2	2.446	2.435	2.563	PV	146	4384	0.11%	0.007%
3	2.612	2.563	2.742	PV	1441	62336	1.62%	0.106%
4	2.751	2.742	2.829	VV	231	7558	0.20%	0.013%
5	2.838	2.829	2.872	VV	128	1033	0.03%	0.002%
6	2.880	2.872	2.899	PV	183	1156	0.03%	0.002%
7	2.950	2.899	2.964	PV	141	1711	0.04%	0.003%
8	2.977	2.964	3.024	VV	154	2215	0.06%	0.004%
9	3.035	3.024	3.044	VV	199	815	0.02%	0.001%
10	3.058	3.044	3.077	PV	158	1272	0.03%	0.002%
11	3.099	3.077	3.111	VV	123	1807	0.05%	0.003%
12	3.118	3.111	3.153	VV	146	1513	0.04%	0.003%
13	3.178	3.153	3.227	PV	116	2034	0.05%	0.003%
14	3.240	3.227	3.247	VV	117	809	0.02%	0.001%
15	3.271	3.247	3.372	VV	217	6896	0.18%	0.012%
16	3.381	3.372	3.399	PV	111	955	0.02%	0.002%
17	3.408	3.399	3.439	VV	132	1480	0.04%	0.003%
18	3.508	3.439	3.655	VV	247	12750	0.33%	0.022%
19	3.674	3.655	3.729	VV	237	7214	0.19%	0.012%
20	3.789	3.729	3.857	VV	217	8800	0.23%	0.015%
21	3.867	3.857	3.882	VV	139	957	0.02%	0.002%
22	3.892	3.882	3.903	VV	98	520	0.01%	0.001%
23	3.915	3.903	3.931	PV	128	1398	0.04%	0.002%
24	4.050	3.931	4.061	VV	426	20492	0.53%	0.035%
25	4.071	4.061	4.079	VV	404	4224	0.11%	0.007%
26	4.088	4.079	4.209	VV	455	22192	0.58%	0.038%
27	4.249	4.209	4.262	VV	240	4704	0.12%	0.008%
28	4.317	4.262	4.338	VV	3372	92526	2.40%	0.158%
29	4.366	4.338	4.425	VV	3412	164539	4.28%	0.281%
30	4.439	4.425	4.644	VV	3378	290710	7.56%	0.497%
31	4.653	4.644	4.669	VV	1682	23074	0.60%	0.039%
32	4.684	4.669	4.739	VV	1498	57369	1.49%	0.098%
33	4.744	4.739	4.819	VV	1211	53564	1.39%	0.092%
34	4.828	4.819	4.855	VV	1048	22053	0.57%	0.038%
35	4.867	4.855	4.963	VV	1176	64990	1.69%	0.111%
36	4.972	4.963	4.995	VV	947	16421	0.43%	0.028%

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37	5.004	4.995	5.088	VV	867	39549	1.03%	0.068%	
38	5.094	5.088	5.139	VV	678	16734	0.43%	0.029%	
39	5.148	5.139	5.209	VV	520	17859	0.46%	0.031%	
40	5.217	5.209	5.242	VV	413	7196	0.19%	0.012%	
41	5.253	5.242	5.265	VV	445	4927	0.13%	0.008%	
42	5.272	5.265	5.286	VV	462	4562	0.12%	0.008%	
43	5.304	5.286	5.336	VV	409	9108	0.24%	0.016%	
44	5.345	5.336	5.378	VV	317	6196	0.16%	0.011%	
45	5.415	5.378	5.425	VV	291	6912	0.18%	0.012%	
46	5.434	5.425	5.446	VV	306	3255	0.08%	0.006%	
47	5.453	5.446	5.460	VV	288	1962	0.05%	0.003%	
48	5.470	5.460	5.495	VV	244	4728	0.12%	0.008%	
49	5.505	5.495	5.519	VV	250	2853	0.07%	0.005%	
50	5.528	5.519	5.588	VV	238	4718	0.12%	0.008%	
51	5.605	5.588	5.675	VV	209	4114	0.11%	0.007%	
52	5.683	5.675	5.702	VV	111	1531	0.04%	0.003%	
53	5.707	5.702	5.719	VV	158	1085	0.03%	0.002%	
54	5.745	5.719	5.760	VV	170	2615	0.07%	0.004%	
55	5.779	5.760	5.801	VV	152	2744	0.07%	0.005%	
56	5.811	5.801	5.830	VV	178	2410	0.06%	0.004%	
57	5.839	5.830	5.848	VV	151	1163	0.03%	0.002%	
58	5.890	5.848	5.899	VV	229	5034	0.13%	0.009%	
59	5.911	5.899	5.934	VV	268	3848	0.10%	0.007%	
60	5.957	5.934	5.971	VV	268	4727	0.12%	0.008%	
61	5.996	5.971	6.004	VV	426	5899	0.15%	0.010%	
62	6.019	6.004	6.033	VV	378	5434	0.14%	0.009%	
63	6.065	6.033	6.142	VV	3203	40072	1.04%	0.068%	
64	6.154	6.142	6.168	VV	158	2459	0.06%	0.004%	
65	6.182	6.168	6.199	VV	232	2970	0.08%	0.005%	
66	6.207	6.199	6.219	VV	202	1688	0.04%	0.003%	
67	6.224	6.219	6.305	VV	198	6350	0.17%	0.011%	
68	6.321	6.305	6.344	VV	128	2255	0.06%	0.004%	
69	6.356	6.344	6.395	PV	152	3251	0.08%	0.006%	
70	6.400	6.395	6.455	VV	251	5602	0.15%	0.010%	
71	6.467	6.455	6.499	VV	317	6081	0.16%	0.010%	
72	6.511	6.499	6.579	VV	410	13673	0.36%	0.023%	
73	6.584	6.579	6.645	VV	307	7317	0.19%	0.013%	
74	6.653	6.645	6.711	VV	226	5413	0.14%	0.009%	
75	6.728	6.711	6.742	VV	176	2047	0.05%	0.003%	
76	6.750	6.742	6.769	VV	193	1729	0.04%	0.003%	
77	6.777	6.769	6.805	VV	148	1831	0.05%	0.003%	
78	6.827	6.805	6.879	VV	130	4256	0.11%	0.007%	
79	6.897	6.879	6.969	VV	170	5946	0.15%	0.010%	
80	7.014	6.969	7.065	VV	325	9851	0.26%	0.017%	
81	7.097	7.065	7.117	VV	252	3884	0.10%	0.007%	
82	7.130	7.117	7.148	VV	171	1857	0.05%	0.003%	
83	7.155	7.148	7.162	VV	129	646	0.02%	0.001%	
84	7.170	7.162	7.194	VV	178	984	0.03%	0.002%	
85	7.280	7.194	7.303	PV	173	2924	0.08%	0.005%	
86	7.313	7.303	7.318	PV	72	484	0.01%	0.001%	
87	7.362	7.318	7.392	VV	197	4351	0.11%	0.007%	
88	7.408	7.392	7.438	VV	154	3498	0.09%	0.006%	
89	7.556	7.438	7.595	VV	343	17355	0.45%	0.030%	

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90	7.619	7.595	7.652	VV	455	11677	0.30%	0.020%
91	7.682	7.652	7.719	VV	1042	17497	0.45%	0.030%
92	7.726	7.719	7.755	VV	272	3716	0.10%	0.006%
93	7.783	7.755	7.815	VV	373	9717	0.25%	0.017%
94	7.822	7.815	7.866	VV	331	7346	0.19%	0.013%
95	7.875	7.866	7.886	VV	219	2225	0.06%	0.004%
96	7.894	7.886	7.955	VV	228	5656	0.15%	0.010%
97	7.988	7.955	8.009	VV	288	5198	0.14%	0.009%
98	8.034	8.009	8.073	VV	249	4559	0.12%	0.008%
99	8.128	8.073	8.140	PV	286	4663	0.12%	0.008%
100	8.146	8.140	8.154	VV	193	1399	0.04%	0.002%
101	8.180	8.154	8.245	VV	1794	37710	0.98%	0.064%
102	8.292	8.245	8.522	VV	18181	1133505	29.46%	1.937%
103	8.535	8.522	8.682	VV	2492	151891	3.95%	0.259%
104	8.692	8.682	8.890	VV	1091	70709	1.84%	0.121%
105	8.923	8.890	8.985	VV	783	28273	0.73%	0.048%
106	9.012	8.985	9.105	VV	913	33423	0.87%	0.057%
107	9.112	9.105	9.121	VV	254	2680	0.07%	0.005%
108	9.140	9.121	9.181	VV	510	9463	0.25%	0.016%
109	9.200	9.181	9.209	VV	159	2022	0.05%	0.003%
110	9.216	9.209	9.245	VV	212	2421	0.06%	0.004%
111	9.278	9.245	9.292	VV	167	3659	0.10%	0.006%
112	9.326	9.292	9.361	PV	146	3866	0.10%	0.007%
113	9.387	9.361	9.412	VV	333	7183	0.19%	0.012%
114	9.422	9.412	9.453	VV	372	6603	0.17%	0.011%
115	9.513	9.453	9.542	VV	307	8148	0.21%	0.014%
116	9.563	9.542	9.578	VV	245	2965	0.08%	0.005%
117	9.722	9.578	9.746	VV	1164	63995	1.66%	0.109%
118	9.771	9.746	9.853	VV	2974	80965	2.10%	0.138%
119	9.862	9.853	9.912	VV	722	20663	0.54%	0.035%
120	9.949	9.912	9.965	VV	545	14510	0.38%	0.025%
121	9.972	9.965	10.022	VV	462	13127	0.34%	0.022%
122	10.030	10.022	10.069	VV	428	9077	0.24%	0.016%
123	10.112	10.069	10.129	VV	550	13532	0.35%	0.023%
124	10.151	10.129	10.194	VV	773	21282	0.55%	0.036%
125	10.221	10.194	10.242	VV	520	11865	0.31%	0.020%
126	10.254	10.242	10.272	VV	488	7356	0.19%	0.013%
127	10.302	10.272	10.330	VV	634	15594	0.41%	0.027%
128	10.357	10.330	10.385	VV	649	14649	0.38%	0.025%
129	10.396	10.385	10.426	VV	440	8022	0.21%	0.014%
130	10.451	10.426	10.484	VV	451	11095	0.29%	0.019%
131	10.510	10.484	10.539	VV	1217	23236	0.60%	0.040%
132	10.557	10.539	10.581	VV	906	16750	0.44%	0.029%
133	10.604	10.581	10.669	VV	2513	44946	1.17%	0.077%
134	10.677	10.669	10.704	VV	327	6253	0.16%	0.011%
135	10.719	10.704	10.744	VV	361	6397	0.17%	0.011%
136	10.783	10.744	10.802	VV	658	12488	0.32%	0.021%
137	10.836	10.802	10.862	VV	553	14229	0.37%	0.024%
138	10.878	10.862	10.945	VV	592	16916	0.44%	0.029%
139	10.964	10.945	10.993	VV	436	7387	0.19%	0.013%
140	11.018	10.993	11.042	VV	393	8893	0.23%	0.015%
141	11.072	11.042	11.095	VV	671	15271	0.40%	0.026%

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142	11.117	11.095	11.129	VV	719	12154	0.32%	0.021%	
143	11.150	11.129	11.175	VV	781	17526	0.46%	0.030%	
144	11.203	11.175	11.245	VV	1645	34571	0.90%	0.059%	
145	11.274	11.245	11.291	VV	685	14979	0.39%	0.026%	
146	11.305	11.291	11.336	VV	702	11810	0.31%	0.020%	
147	11.358	11.336	11.399	VV	441	9040	0.23%	0.015%	
148	11.412	11.399	11.425	VV	241	3025	0.08%	0.005%	
149	11.488	11.425	11.533	VV	451	22200	0.58%	0.038%	
150	11.544	11.533	11.556	VV	347	4102	0.11%	0.007%	
151	11.584	11.556	11.615	VV	544	13288	0.35%	0.023%	
152	11.631	11.615	11.670	VV	280	7095	0.18%	0.012%	
153	11.711	11.670	11.815	VV	911	45687	1.19%	0.078%	
154	11.869	11.815	11.919	VV	845	23292	0.61%	0.040%	
155	11.939	11.919	11.948	VV	260	3340	0.09%	0.006%	
156	11.975	11.948	12.027	VV	400	9948	0.26%	0.017%	
157	12.043	12.027	12.055	PV	236	2941	0.08%	0.005%	
158	12.078	12.055	12.132	VV	2693	63442	1.65%	0.108%	
159	12.159	12.132	12.475	VV	187979	3698556	96.13%	6.319%	
160	12.495	12.475	12.556	VV	2860	100158	2.60%	0.171%	
161	12.583	12.556	12.656	VV	2083	93718	2.44%	0.160%	
162	12.665	12.656	12.685	VV	1299	21452	0.56%	0.037%	
163	12.691	12.685	12.743	VV	1162	35943	0.93%	0.061%	
164	12.754	12.743	12.792	VV	1103	27243	0.71%	0.047%	
165	12.808	12.792	12.834	VV	963	22133	0.58%	0.038%	
166	12.849	12.834	12.879	VV	849	20688	0.54%	0.035%	
167	12.922	12.879	12.952	VV	2306	67567	1.76%	0.115%	
168	12.962	12.952	13.006	VV	1865	47938	1.25%	0.082%	
169	13.028	13.006	13.091	VV	1200	52355	1.36%	0.089%	
170	13.110	13.091	13.143	VV	1910	32061	0.83%	0.055%	
171	13.201	13.143	13.236	VV	8245	221429	5.76%	0.378%	
172	13.259	13.236	13.355	VV	8036	365027	9.49%	0.624%	
173	13.375	13.355	13.628	VV	125831	2484062	64.57%	4.244%	
174	13.664	13.628	13.676	VV	3502	82431	2.14%	0.141%	
175	13.690	13.676	13.739	VV	4262	97496	2.53%	0.167%	
176	13.746	13.739	13.819	VV	1895	76069	1.98%	0.130%	
177	13.828	13.819	13.865	VV	1351	35300	0.92%	0.060%	
178	13.875	13.865	13.889	VV	1216	16230	0.42%	0.028%	
179	13.916	13.889	13.947	VV	1346	42314	1.10%	0.072%	
180	13.960	13.947	13.973	VV	1081	15987	0.42%	0.027%	
181	13.991	13.973	14.017	VV	1068	26580	0.69%	0.045%	
182	14.054	14.017	14.072	VV	1428	37051	0.96%	0.063%	
183	14.082	14.072	14.092	VV	1007	11664	0.30%	0.020%	
184	14.121	14.092	14.223	VV	5042	158488	4.12%	0.271%	
185	14.256	14.223	14.301	VV	4409	75885	1.97%	0.130%	
186	14.326	14.301	14.384	VV	1732	52642	1.37%	0.090%	
187	14.410	14.384	14.426	VV	3182	51367	1.34%	0.088%	
188	14.445	14.426	14.509	VV	3461	111382	2.90%	0.190%	
189	14.528	14.509	14.554	VV	1599	37047	0.96%	0.063%	
190	14.590	14.554	14.622	VV	334559	3847310	100.00%	6.573%	
191	14.646	14.622	14.659	VV	3400	62892	1.63%	0.107%	
192	14.671	14.659	14.725	VV	3295	82275	2.14%	0.141%	
193	14.738	14.725	14.753	VV	1130	16618	0.43%	0.028%	
194	14.793	14.753	14.849	VV	10414	162726	4.23%	0.278%	

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195	14.867	14.849	14.919	VV	1613	39485	1.03%	0.067%
196	14.944	14.919	14.959	VV	618	13851	0.36%	0.024%
197	14.990	14.959	15.002	VV	733	16855	0.44%	0.029%
198	15.014	15.002	15.024	VV	711	8873	0.23%	0.015%
199	15.035	15.024	15.053	VV	729	11256	0.29%	0.019%
200	15.061	15.053	15.086	VV	629	10753	0.28%	0.018%
201	15.102	15.086	15.111	VV	604	8306	0.22%	0.014%
202	15.127	15.111	15.152	VV	935	17208	0.45%	0.029%
203	15.178	15.152	15.289	VV	138680	2285287	59.40%	3.904%
204	15.312	15.289	15.342	VV	25529	309391	8.04%	0.529%
205	15.382	15.342	15.444	VV	6147	141562	3.68%	0.242%
206	15.472	15.444	15.541	VV	1005	50111	1.30%	0.086%
207	15.634	15.541	15.662	VV	1827	82726	2.15%	0.141%
208	15.715	15.662	15.771	VV	4589	137948	3.59%	0.236%
209	15.811	15.771	15.874	VV	65374	766852	19.93%	1.310%
210	15.899	15.874	15.915	VV	1211	25904	0.67%	0.044%
211	15.928	15.915	15.962	VV	1126	28076	0.73%	0.048%
212	15.998	15.962	16.022	VV	1062	33149	0.86%	0.057%
213	16.120	16.022	16.152	VV	2277	98405	2.56%	0.168%
214	16.202	16.152	16.269	VV	14170	343774	8.94%	0.587%
215	16.295	16.269	16.351	VV	124320	1404478	36.51%	2.399%
216	16.380	16.351	16.439	VV	1946	77483	2.01%	0.132%
217	16.453	16.439	16.474	VV	1320	24788	0.64%	0.042%
218	16.502	16.474	16.554	VV	4564	114498	2.98%	0.196%
219	16.595	16.554	16.625	VV	4841	118420	3.08%	0.202%
220	16.643	16.625	16.665	VV	3429	70318	1.83%	0.120%
221	16.682	16.665	16.714	VV	2983	72774	1.89%	0.124%
222	16.762	16.714	16.792	VV	197111	2176729	56.58%	3.719%
223	16.808	16.792	16.835	VV	10244	142378	3.70%	0.243%
224	16.853	16.835	16.985	VV	3466	181604	4.72%	0.310%
225	17.000	16.985	17.016	VV	1896	30840	0.80%	0.053%
226	17.051	17.016	17.075	VV	5301	97472	2.53%	0.167%
227	17.098	17.075	17.118	VV	3296	56738	1.47%	0.097%
228	17.146	17.118	17.182	VV	6734	149589	3.89%	0.256%
229	17.213	17.182	17.269	VV	220160	2542830	66.09%	4.344%
230	17.312	17.269	17.429	VV	2740	165128	4.29%	0.282%
231	17.493	17.429	17.519	VV	8385	167324	4.35%	0.286%
232	17.540	17.519	17.566	VV	4370	73499	1.91%	0.126%
233	17.650	17.566	17.720	VV	222270	2716357	70.60%	4.641%
234	17.752	17.720	17.836	VV	4438	183760	4.78%	0.314%
235	17.920	17.836	17.946	VV	10881	302389	7.86%	0.517%
236	17.968	17.946	17.984	VV	7275	113016	2.94%	0.193%
237	18.014	17.984	18.049	VV	64211	1134553	29.49%	1.938%
238	18.072	18.049	18.165	VV	183131	2356713	61.26%	4.026%
239	18.179	18.165	18.247	VV	3111	134507	3.50%	0.230%
240	18.335	18.247	18.359	VV	9681	271140	7.05%	0.463%
241	18.381	18.359	18.411	VV	7007	130509	3.39%	0.223%
242	18.481	18.411	18.524	VV	115059	1602548	41.65%	2.738%
243	18.543	18.524	18.562	VV	4528	87600	2.28%	0.150%
244	18.592	18.562	18.611	VV	5206	124841	3.24%	0.213%
245	18.653	18.611	18.703	VV	5705	255542	6.64%	0.437%
246	18.736	18.703	18.759	VV	6706	157813	4.10%	0.270%

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247	18.782	18.759	18.812	VV	5703	141660	3.68%	0.242%
248	18.842	18.812	18.862	VV	37603	732388	19.04%	1.251%
249	18.877	18.862	19.003	VV	52604	1149541	29.88%	1.964%
250	19.023	19.003	19.042	VV	5106	113616	2.95%	0.194%
251	19.080	19.042	19.101	VV	5185	174895	4.55%	0.299%
252	19.126	19.101	19.152	VV	6194	157386	4.09%	0.269%
253	19.169	19.152	19.201	VV	4903	124799	3.24%	0.213%
254	19.264	19.201	19.342	VV	21096	557672	14.50%	0.953%
255	19.384	19.342	19.432	VV	9679	387049	10.06%	0.661%
256	19.455	19.432	19.482	VV	6468	175453	4.56%	0.300%
257	19.504	19.482	19.592	VV	7400	387477	10.07%	0.662%
258	19.634	19.592	19.722	VV	17909	688141	17.89%	1.176%
259	19.742	19.722	19.760	VV	6222	133692	3.47%	0.228%
260	19.782	19.760	19.805	VV	6093	157933	4.11%	0.270%
261	19.877	19.805	19.929	VV	6645	458532	11.92%	0.783%
262	20.004	19.929	20.035	VV	12943	480093	12.48%	0.820%
263	20.056	20.035	20.082	VV	7015	186107	4.84%	0.318%
264	20.121	20.082	20.149	VV	6824	260357	6.77%	0.445%
265	20.175	20.149	20.222	VV	9190	317798	8.26%	0.543%
266	20.252	20.222	20.285	VV	7236	259084	6.73%	0.443%
267	20.360	20.285	20.422	VV	11799	663122	17.24%	1.133%
268	20.462	20.422	20.505	VV	8637	392259	10.20%	0.670%
269	20.524	20.505	20.572	VV	7543	292549	7.60%	0.500%
270	20.590	20.572	20.612	VV	7070	167507	4.35%	0.286%
271	20.725	20.612	20.892	VV	11171	1265345	32.89%	2.162%
272	20.930	20.892	21.012	VV	6984	489924	12.73%	0.837%
273	21.046	21.012	21.099	VV	7045	354310	9.21%	0.605%
274	21.132	21.099	21.231	VV	8151	551083	14.32%	0.942%
275	21.266	21.231	21.324	VV	6603	352955	9.17%	0.603%
276	21.363	21.324	21.459	VV	6431	488478	12.70%	0.835%
277	21.479	21.459	21.521	VV	5865	219119	5.70%	0.374%
278	21.586	21.521	21.619	VV	8408	386426	10.04%	0.660%
279	21.646	21.619	21.715	VV	6431	354692	9.22%	0.606%
280	21.738	21.715	21.820	VV	5765	356162	9.26%	0.608%
281	21.856	21.820	21.924	VV	5614	349091	9.07%	0.596%
282	21.943	21.924	21.954	VV	5559	97009	2.52%	0.166%
283	21.973	21.954	22.030	VV	5564	253574	6.59%	0.433%
284	22.107	22.030	22.249	VV	5979	730611	18.99%	1.248%
285	22.293	22.249	22.332	VV	5822	282179	7.33%	0.482%
286	22.345	22.332	22.379	VV	5700	157417	4.09%	0.269%
287	22.406	22.379	22.459	VV	5830	264791	6.88%	0.452%
288	22.475	22.459	22.495	VV	5372	116061	3.02%	0.198%
289	22.700	22.495	22.848	VV	6082	1144031	29.74%	1.955%
290	22.909	22.848	22.975	VV	5134	386145	10.04%	0.660%
291	22.987	22.975	23.015	VV	5136	120183	3.12%	0.205%
292	23.055	23.015	23.085	VV	4986	208339	5.42%	0.356%
293	23.203	23.085	23.285	VV	5080	590242	15.34%	1.008%
294	23.386	23.285	23.457	VV	4967	495600	12.88%	0.847%
295	23.469	23.457	23.515	VV	4827	165144	4.29%	0.282%
296	23.542	23.515	23.562	VV	4647	129292	3.36%	0.221%
297	23.574	23.562	23.622	VV	4634	166331	4.32%	0.284%
298	23.642	23.622	23.670	VV	4672	134039	3.48%	0.229%
299	23.776	23.670	23.945	VV	4881	743019	19.31%	1.269%

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300	23.972	23.945	24.000	VV	4345	138720	3.61%	0.237%
301	24.187	24.000	24.302	VBA	4423	772657	20.08%	1.320%
				Sum of corrected areas:		58532405		

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