

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040120\
 Data File : FE031628.D
 Signal(s) : FID1B.CH
 Acq On : 01 Apr 2020 22:39
 Sample : L2088-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE031020.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.157	2.125	2.292	PH	970238	8154427	37.45%	0.968%
2	2.311	2.292	2.351	PH	4644	43954	0.20%	0.005%
3	2.368	2.351	2.391	PH	2384	9328	0.04%	0.001%
4	2.407	2.391	2.446	PH	723	-24243	-0.11%	-0.003%
5	2.458	2.446	2.477	PH	-1241	-25830	-0.12%	-0.003%
6	2.493	2.477	2.574	PH	-1345	-97988	-0.45%	-0.012%
7	2.597	2.574	2.651	PH	-1782	-95067	-0.44%	-0.011%
8	2.681	2.651	2.729	PH	-2136	-106120	-0.49%	-0.013%
9	2.737	2.729	2.805	PH	-2340	-116237	-0.53%	-0.014%
10	2.813	2.805	2.828	PH	-2675	-37862	-0.17%	-0.004%
11	2.888	2.828	2.914	PH	-2330	-130848	-0.60%	-0.016%
12	2.940	2.914	2.991	PH	-2292	-112229	-0.52%	-0.013%
13	3.002	2.991	3.041	PH	-2622	-82152	-0.38%	-0.010%
14	3.069	3.041	3.095	PH	-2280	-86001	-0.39%	-0.010%
15	3.119	3.095	3.167	PH	-2207	-118792	-0.55%	-0.014%
16	3.195	3.167	3.251	PH	-2770	-146136	-0.67%	-0.017%
17	3.268	3.251	3.288	PH	-2916	-65513	-0.30%	-0.008%
18	3.304	3.288	3.357	PH	-2996	-131733	-0.60%	-0.016%
19	3.372	3.357	3.388	PH	-3222	-61135	-0.28%	-0.007%
20	3.407	3.388	3.459	PH	-2821	-132635	-0.61%	-0.016%
21	3.487	3.459	3.511	PH	-3222	-103883	-0.48%	-0.012%
22	3.582	3.511	3.614	PH	-3220	-202967	-0.93%	-0.024%
23	3.631	3.614	3.655	PH	-3014	-79906	-0.37%	-0.009%
24	3.681	3.655	3.730	PH	-3176	-152381	-0.70%	-0.018%
25	3.791	3.730	3.810	PH	-2919	-157639	-0.72%	-0.019%
26	3.853	3.810	3.904	PH	956	-12709	-0.06%	-0.002%
27	3.931	3.904	3.952	PH	363	-2814	-0.01%	-0.000%
28	3.964	3.952	4.031	PH	-393	-34005	-0.16%	-0.004%
29	4.037	4.031	4.053	PH	-1057	-13942	-0.06%	-0.002%
30	4.063	4.053	4.091	PH	-1024	-27682	-0.13%	-0.003%
31	4.107	4.091	4.128	PH	-1028	-26483	-0.12%	-0.003%
32	4.159	4.128	4.284	PH	1055453	10164184	46.68%	1.207%
33	4.309	4.284	4.353	PH	5057	10013	0.05%	0.001%
34	4.375	4.353	4.571	PH	560	-231118	-1.06%	-0.027%
35	4.608	4.571	4.723	PH	-2415	-262753	-1.21%	-0.031%
36	4.746	4.723	4.808	PH	-1896	-142224	-0.65%	-0.017%

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37	4.836	4.808	4.850	PH	-3046	-80142	-0.37%	-0.010%
38	4.907	4.850	4.928	PH	-2847	-139343	-0.64%	-0.017%
39	4.964	4.928	4.993	PH	-2937	-117092	-0.54%	-0.014%
40	5.024	4.993	5.107	PH	-1698	-174011	-0.80%	-0.021%
41	5.121	5.107	5.151	PH	-3101	-83740	-0.38%	-0.010%
42	5.181	5.151	5.232	PH	3593	-47254	-0.22%	-0.006%
43	5.275	5.232	5.318	PH	-485	-88306	-0.41%	-0.010%
44	5.332	5.318	5.347	PH	-2145	-39377	-0.18%	-0.005%
45	5.360	5.347	5.428	PH	-2283	-128429	-0.59%	-0.015%
46	5.458	5.428	5.469	PH	-594	-40651	-0.19%	-0.005%
47	5.487	5.469	5.608	PH	-64	-128686	-0.59%	-0.015%
48	5.624	5.608	5.662	PH	-2610	-90502	-0.42%	-0.011%
49	5.673	5.662	5.701	PH	-2902	-71067	-0.33%	-0.008%
50	5.733	5.701	5.786	PH	3681	-5925	-0.03%	-0.001%
51	5.795	5.786	5.838	PH	-1349	-52127	-0.24%	-0.006%
52	5.878	5.838	5.921	PH	2581	-57351	-0.26%	-0.007%
53	5.933	5.921	5.951	PH	-2373	-44368	-0.20%	-0.005%
54	5.978	5.951	5.995	PH	-2394	-63751	-0.29%	-0.008%
55	6.015	5.995	6.025	PH	-1822	-37206	-0.17%	-0.004%
56	6.047	6.025	6.125	PH	-1601	-138602	-0.64%	-0.016%
57	6.159	6.125	6.285	PH	999003	10756038	49.39%	1.277%
58	6.298	6.285	6.321	PH	-1424	-37672	-0.17%	-0.004%
59	6.332	6.321	6.349	PH	-2029	-35208	-0.16%	-0.004%
60	6.377	6.349	6.414	PH	-1941	-83314	-0.38%	-0.010%
61	6.429	6.414	6.451	PH	-2045	-50399	-0.23%	-0.006%
62	6.473	6.451	6.482	PH	-2278	-45220	-0.21%	-0.005%
63	6.496	6.482	6.513	PH	-2274	-44046	-0.20%	-0.005%
64	6.550	6.513	6.577	PH	-1887	-83948	-0.39%	-0.010%
65	6.589	6.577	6.619	PH	-2264	-62250	-0.29%	-0.007%
66	6.691	6.619	6.737	PH	-1153	-137256	-0.63%	-0.016%
67	6.780	6.737	6.884	PH	12163	219244	1.01%	0.026%
68	6.908	6.884	7.009	PH	17046	194207	0.89%	0.023%
69	7.018	7.009	7.042	PH	-1477	-33367	-0.15%	-0.004%
70	7.076	7.042	7.119	PH	2877	-32309	-0.15%	-0.004%
71	7.149	7.119	7.172	PH	-1750	-65865	-0.30%	-0.008%
72	7.190	7.172	7.223	PH	-2223	-69989	-0.32%	-0.008%
73	7.242	7.223	7.273	PH	-1938	-66816	-0.31%	-0.008%
74	7.292	7.273	7.312	PH	-2146	-52388	-0.24%	-0.006%
75	7.347	7.312	7.388	PH	-405	-78247	-0.36%	-0.009%
76	7.399	7.388	7.415	PH	-2134	-35190	-0.16%	-0.004%
77	7.434	7.415	7.461	PH	-1786	-57460	-0.26%	-0.007%
78	7.518	7.461	7.577	PH	1294	-56964	-0.26%	-0.007%
79	7.601	7.577	7.615	PH	-994	-29482	-0.14%	-0.003%
80	7.656	7.615	7.680	PH	3671	46684	0.21%	0.006%
81	7.694	7.680	7.712	HH	2064	17352	0.08%	0.002%
82	7.763	7.712	7.835	PH	11144	242392	1.11%	0.029%
83	7.865	7.835	7.882	HH	27988	358283	1.65%	0.043%
84	7.895	7.882	7.912	HH	15152	223257	1.03%	0.027%
85	7.950	7.912	7.984	HH	994843	11475172	52.70%	1.362%
86	8.010	7.984	8.038	HH	163103	2049148	9.41%	0.243%
87	8.047	8.038	8.117	HH	25368	514076	2.36%	0.061%
88	8.139	8.117	8.165	HH	6705	99124	0.46%	0.012%
89	8.181	8.165	8.250	HH	2137	20898	0.10%	0.002%

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90	8.295	8.250	8.314	PH	1045	5487	0.03%	0.001%
91	8.339	8.314	8.387	HH	75014	977933	4.49%	0.116%
92	8.424	8.387	8.459	HH	6523	208021	0.96%	0.025%
93	8.477	8.459	8.515	HH	5398	92392	0.42%	0.011%
94	8.532	8.515	8.553	HH	1897	32121	0.15%	0.004%
95	8.583	8.553	8.603	HH	11478	166991	0.77%	0.020%
96	8.622	8.603	8.664	HH	21996	393982	1.81%	0.047%
97	8.677	8.664	8.733	HH	6645	197283	0.91%	0.023%
98	8.760	8.733	8.780	HH	15618	251629	1.16%	0.030%
99	8.796	8.780	8.861	HH	12139	224343	1.03%	0.027%
100	8.906	8.861	8.927	HH	11403	175446	0.81%	0.021%
101	8.944	8.927	8.978	HH	8348	137700	0.63%	0.016%
102	9.042	8.978	9.072	HH	10038	259472	1.19%	0.031%
103	9.087	9.072	9.101	HH	3790	53588	0.25%	0.006%
104	9.125	9.101	9.185	HH	76773	1324319	6.08%	0.157%
105	9.202	9.185	9.225	HH	12473	223052	1.02%	0.026%
106	9.272	9.225	9.299	HH	21606	547429	2.51%	0.065%
107	9.326	9.299	9.383	HH	12501	428776	1.97%	0.051%
108	9.395	9.383	9.410	HH	5181	79644	0.37%	0.009%
109	9.422	9.410	9.430	HH	4877	54877	0.25%	0.007%
110	9.453	9.430	9.509	HH	15066	412083	1.89%	0.049%
111	9.547	9.509	9.589	HH	958148	11614020	53.33%	1.379%
112	9.614	9.589	9.675	HH	14669	513736	2.36%	0.061%
113	9.712	9.675	9.771	HH	8357	368907	1.69%	0.044%
114	9.811	9.771	9.853	HH	9984	324032	1.49%	0.038%
115	9.873	9.853	9.901	HH	9425	218230	1.00%	0.026%
116	9.923	9.901	9.951	HH	8684	214854	0.99%	0.026%
117	10.009	9.951	10.034	HH	25380	668576	3.07%	0.079%
118	10.065	10.034	10.100	HH	26594	635947	2.92%	0.075%
119	10.126	10.100	10.163	HH	55909	1000318	4.59%	0.119%
120	10.188	10.163	10.228	HH	70905	1468322	6.74%	0.174%
121	10.252	10.228	10.304	HH	42714	1251128	5.75%	0.149%
122	10.337	10.304	10.365	HH	47629	1216005	5.58%	0.144%
123	10.381	10.365	10.419	HH	34424	764003	3.51%	0.091%
124	10.445	10.419	10.472	HH	48332	831651	3.82%	0.099%
125	10.525	10.472	10.582	HH	484304	7146427	32.82%	0.848%
126	10.602	10.582	10.650	HH	129594	2146184	9.86%	0.255%
127	10.673	10.650	10.775	HH	32465	1237350	5.68%	0.147%
128	10.786	10.775	10.806	HH	10836	184758	0.85%	0.022%
129	10.846	10.806	10.904	HH	31711	1111146	5.10%	0.132%
130	10.920	10.904	10.941	HH	17701	337795	1.55%	0.040%
131	10.987	10.941	11.030	HH	946334	12364540	56.78%	1.468%
132	11.056	11.030	11.105	HH	39433	1022241	4.69%	0.121%
133	11.127	11.105	11.149	HH	18762	412532	1.89%	0.049%
134	11.182	11.149	11.208	HH	23384	618612	2.84%	0.073%
135	11.220	11.208	11.240	HH	17038	299497	1.38%	0.036%
136	11.286	11.240	11.309	HH	249287	3359894	15.43%	0.399%
137	11.328	11.309	11.344	HH	82810	1118389	5.14%	0.133%
138	11.361	11.344	11.408	HH	88138	1611996	7.40%	0.191%
139	11.438	11.408	11.461	HH	119328	1939489	8.91%	0.230%
140	11.476	11.461	11.491	HH	58411	808948	3.71%	0.096%
141	11.508	11.491	11.561	HH	68213	1443086	6.63%	0.171%

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142	11.588	11.561	11.601	HH	15005	340093	1.56%	0.040%
143	11.646	11.601	11.697	HH	23168	1056698	4.85%	0.125%
144	11.727	11.697	11.780	HH	38458	1303490	5.99%	0.155%
145	11.801	11.780	11.847	HH	47184	1249357	5.74%	0.148%
146	11.865	11.847	11.885	HH	24132	507087	2.33%	0.060%
147	11.949	11.885	12.035	HH	355900	8747453	40.17%	1.038%
148	12.073	12.035	12.097	HH	31265	996476	4.58%	0.118%
149	12.120	12.097	12.174	HH	42536	1348407	6.19%	0.160%
150	12.227	12.174	12.249	HH	78106	2041712	9.38%	0.242%
151	12.296	12.249	12.320	HH	898416	12895578	59.22%	1.531%
152	12.349	12.320	12.421	HH	751965	10798003	49.59%	1.282%
153	12.441	12.421	12.464	HH	31667	717447	3.29%	0.085%
154	12.505	12.464	12.515	HH	36018	922591	4.24%	0.110%
155	12.536	12.515	12.580	HH	54033	1549856	7.12%	0.184%
156	12.598	12.580	12.615	HH	34384	672208	3.09%	0.080%
157	12.645	12.615	12.679	HH	606233	8544416	39.24%	1.014%
158	12.700	12.679	12.711	HH	88567	1235894	5.68%	0.147%
159	12.733	12.711	12.792	HH	291111	4902580	22.51%	0.582%
160	12.825	12.792	12.861	HH	40065	1360747	6.25%	0.162%
161	12.932	12.861	12.960	HH	101018	3316490	15.23%	0.394%
162	12.981	12.960	13.005	HH	84510	1630773	7.49%	0.194%
163	13.015	13.005	13.025	HH	44071	522578	2.40%	0.062%
164	13.046	13.025	13.081	HH	47293	1449861	6.66%	0.172%
165	13.107	13.081	13.125	HH	67059	1364388	6.27%	0.162%
166	13.160	13.125	13.191	HH	220543	4200859	19.29%	0.499%
167	13.237	13.191	13.285	HH	123629	3673811	16.87%	0.436%
168	13.298	13.285	13.317	HH	42491	766037	3.52%	0.091%
169	13.341	13.317	13.363	HH	101133	1755540	8.06%	0.208%
170	13.381	13.363	13.402	HH	81288	1502708	6.90%	0.178%
171	13.411	13.402	13.433	HH	56356	934632	4.29%	0.111%
172	13.440	13.433	13.450	HH	44470	450655	2.07%	0.053%
173	13.493	13.450	13.532	HH	903239	14114053	64.82%	1.676%
174	13.551	13.532	13.601	HH	67356	2001535	9.19%	0.238%
175	13.620	13.601	13.654	HH	38778	1168866	5.37%	0.139%
176	13.675	13.654	13.696	HH	39481	935881	4.30%	0.111%
177	13.709	13.696	13.801	HH	37868	2235036	10.26%	0.265%
178	13.844	13.801	13.860	HH	40597	1321116	6.07%	0.157%
179	13.886	13.860	13.915	HH	53920	1573686	7.23%	0.187%
180	13.973	13.915	13.987	HH	55881	2199345	10.10%	0.261%
181	14.000	13.987	14.020	HH	55244	986461	4.53%	0.117%
182	14.048	14.020	14.100	HH	75048	2806156	12.89%	0.333%
183	14.112	14.100	14.130	HH	52499	877446	4.03%	0.104%
184	14.154	14.130	14.184	HH	85749	2118538	9.73%	0.251%
185	14.210	14.184	14.252	HH	105580	2937352	13.49%	0.349%
186	14.276	14.252	14.296	HH	71088	1613955	7.41%	0.192%
187	14.312	14.296	14.350	HH	59470	1790101	8.22%	0.213%
188	14.391	14.350	14.432	HH	657328	11085538	50.91%	1.316%
189	14.444	14.432	14.473	HH	52198	1192999	5.48%	0.142%
190	14.526	14.473	14.546	HH	301824	5487742	25.20%	0.651%
191	14.596	14.546	14.626	HH	909806	17861004	82.02%	2.120%
192	14.637	14.626	14.657	HH	60836	1090436	5.01%	0.129%
193	14.686	14.657	14.712	HH	96816	2368644	10.88%	0.281%
194	14.730	14.712	14.765	HH	68266	1960573	9.00%	0.233%

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195	14.778	14.765	14.789	HH	54459	787259	3.62%	0.093%
196	14.811	14.789	14.845	HH	67758	2069276	9.50%	0.246%
197	14.877	14.845	14.940	HH	75447	3704252	17.01%	0.440%
198	14.971	14.940	15.058	HH	391063	9399331	43.16%	1.116%
199	15.107	15.058	15.136	HH	124737	3607554	16.57%	0.428%
200	15.161	15.136	15.183	HH	128606	2558370	11.75%	0.304%
201	15.206	15.183	15.229	HH	132179	2653868	12.19%	0.315%
202	15.242	15.229	15.278	HH	84710	2132336	9.79%	0.253%
203	15.298	15.278	15.323	HH	68639	1791772	8.23%	0.213%
204	15.364	15.323	15.415	HH	87872	4187724	19.23%	0.497%
205	15.436	15.415	15.460	HH	74310	1852053	8.51%	0.220%
206	15.493	15.460	15.515	HH	74173	2232599	10.25%	0.265%
207	15.530	15.515	15.574	HH	67095	2239496	10.28%	0.266%
208	15.618	15.574	15.693	HH	916656	16832910	77.30%	1.998%
209	15.707	15.693	15.750	HH	65367	2174965	9.99%	0.258%
210	15.803	15.750	15.828	HH	71519	3097627	14.23%	0.368%
211	15.898	15.828	15.937	HH	86539	4877358	22.40%	0.579%
212	15.989	15.937	16.034	HH	132068	5270523	24.20%	0.626%
213	16.094	16.034	16.195	HH	503595	15380065	70.63%	1.826%
214	16.229	16.195	16.324	HH	121864	6762400	31.05%	0.803%
215	16.371	16.324	16.388	HH	98081	3416650	15.69%	0.406%
216	16.416	16.388	16.451	HH	217831	5276574	24.23%	0.626%
217	16.478	16.451	16.527	HH	258759	6681478	30.68%	0.793%
218	16.570	16.527	16.620	HH	1047608	19685273	90.40%	2.337%
219	16.636	16.620	16.681	HH	112097	3540195	16.26%	0.420%
220	16.723	16.681	16.761	HH	99181	4533866	20.82%	0.538%
221	16.768	16.761	16.800	HH	94359	2119753	9.73%	0.252%
222	16.848	16.800	16.903	HH	109443	6249941	28.70%	0.742%
223	16.929	16.903	16.964	HH	152845	4443425	20.41%	0.527%
224	17.012	16.964	17.045	HH	387118	8855952	40.67%	1.051%
225	17.090	17.045	17.119	HH	106545	4418101	20.29%	0.524%
226	17.144	17.119	17.228	HH	105006	6394021	29.36%	0.759%
227	17.287	17.228	17.308	HH	101860	4637374	21.30%	0.551%
228	17.330	17.308	17.364	HH	101855	3305857	15.18%	0.392%
229	17.398	17.364	17.410	HH	108901	2847013	13.07%	0.338%
230	17.457	17.410	17.509	HH	1042118	20464658	93.98%	2.429%
231	17.538	17.509	17.608	HH	147292	7228300	33.19%	0.858%
232	17.629	17.608	17.637	HH	113655	1958019	8.99%	0.232%
233	17.659	17.637	17.695	HH	129998	4084689	18.76%	0.485%
234	17.762	17.695	17.782	HH	150869	6789204	31.18%	0.806%
235	17.808	17.782	17.841	HH	271337	6812200	31.28%	0.809%
236	17.870	17.841	17.911	HH	437692	10296241	47.28%	1.222%
237	17.923	17.911	17.980	HH	139954	5373613	24.68%	0.638%
238	17.999	17.980	18.012	HH	132988	2417687	11.10%	0.287%
239	18.027	18.012	18.053	HH	131409	3102012	14.25%	0.368%
240	18.071	18.053	18.091	HH	124178	2769592	12.72%	0.329%
241	18.118	18.091	18.163	HH	197542	6444067	29.59%	0.765%
242	18.175	18.163	18.202	HH	126808	2842892	13.06%	0.337%
243	18.287	18.202	18.330	HH	901829	21775659	100.00%	2.585%
244	18.380	18.330	18.508	HH	158664	13605095	62.48%	1.615%
245	18.537	18.508	18.556	HH	130970	3603928	16.55%	0.428%
246	18.583	18.556	18.593	HH	126928	2835024	13.02%	0.337%

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247	18.636	18.593	18.658	HH	214370	6769360	31.09%	0.804%
248	18.677	18.658	18.720	HH	231402	6473568	29.73%	0.768%
249	18.747	18.720	18.764	HH	139594	3565525	16.37%	0.423%
250	18.776	18.764	18.792	HH	138077	2339493	10.74%	0.278%
251	18.812	18.792	18.847	HH	137564	4363627	20.04%	0.518%
252	18.873	18.847	18.936	HH	143536	7282920	33.45%	0.865%
253	18.953	18.936	18.976	HH	131446	3063143	14.07%	0.364%
254	18.983	18.976	19.018	HH	128860	3222282	14.80%	0.383%
255	19.070	19.018	19.099	HH	727698	15871751	72.89%	1.884%
256	19.110	19.099	19.133	HH	156228	3060869	14.06%	0.363%
257	19.167	19.133	19.193	HH	151787	5289377	24.29%	0.628%
258	19.224	19.193	19.252	HH	149002	5056112	23.22%	0.600%
259	19.290	19.252	19.324	HH	164773	6447946	29.61%	0.765%
260	19.394	19.324	19.415	HH	185700	9282483	42.63%	1.102%
261	19.437	19.415	19.511	HH	205699	10737317	49.31%	1.275%
262	19.540	19.511	19.569	HH	193739	6404538	29.41%	0.760%
263	19.578	19.569	19.639	HH	189790	7476642	34.33%	0.888%
264	19.673	19.639	19.726	HH	210022	9268641	42.56%	1.100%
265	19.754	19.726	19.767	HH	165968	3954360	18.16%	0.469%
266	19.808	19.767	19.887	HH	694123	19944053	91.59%	2.368%
267	19.952	19.887	19.998	HH	206179	11352133	52.13%	1.348%
268	20.038	19.998	20.061	HH	165291	6158594	28.28%	0.731%
269	20.079	20.061	20.123	HH	164243	5969431	27.41%	0.709%
270	20.157	20.123	20.199	HH	187734	7759351	35.63%	0.921%
271	20.365	20.354	20.388	HH	169442	3399769	15.61%	0.404%
272	20.424	20.388	20.467	HH	172206	7984163	36.67%	0.948%
273	20.511	20.467	20.591	HH	597231	19629016	90.14%	2.330%
274	20.598	20.591	20.641	HH	161061	4793980	22.02%	0.569%
275	20.650	20.641	20.722	HH	159255	7661656	35.18%	0.910%
276	20.733	20.722	20.739	HH	158036	1598342	7.34%	0.190%
277	20.761	20.739	20.798	HH	161041	5648207	25.94%	0.671%
278	20.815	20.798	20.828	HH	159016	2869431	13.18%	0.341%
279	20.883	20.828	20.928	HH	170389	9515601	43.70%	1.130%
280	20.937	20.928	20.945	HH	149760	1536221	7.05%	0.182%
281	20.995	20.985	21.007	HH	150549	2006253	9.21%	0.238%
282	21.073	21.048	21.130	HH	155577	7476284	34.33%	0.888%
283	21.141	21.130	21.154	HH	149012	2177033	10.00%	0.258%
284	21.163	21.154	21.193	HH	147960	3367865	15.47%	0.400%
285	21.223	21.193	21.265	HH	144355	6138754	28.19%	0.729%
286	21.321	21.265	21.381	HHA	478967	17254471	79.24%	2.048%
			Sum of corrected areas:			842366151		

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