

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090123AL\
 Data File : FE044099.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2023 20:19
 Sample : 04256-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Title : GC Extractables

Signal : FID1B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.374	3.321	3.389	BV	72	-1126	-0.03%	-0.003%
2	3.415	3.389	3.435	PV	149	1649	0.04%	0.005%
3	3.451	3.435	3.474	PV	641	6631	0.15%	0.020%
4	3.501	3.474	3.571	VV	5207	56739	1.29%	0.171%
5	3.590	3.571	3.631	VV	234	3385	0.08%	0.010%
6	3.662	3.631	3.692	PV	2419	27822	0.63%	0.084%
7	3.743	3.692	3.762	VV	3609	62861	1.43%	0.190%
8	3.787	3.762	3.868	VV	93252	870858	19.78%	2.628%
9	3.902	3.868	3.936	VV	88182	810282	18.40%	2.445%
10	3.960	3.936	3.970	VV	862	11139	0.25%	0.034%
11	3.990	3.970	4.036	VV	9718	108195	2.46%	0.327%
12	4.055	4.036	4.075	VV	4592	45548	1.03%	0.137%
13	4.094	4.075	4.121	VV	2015	32101	0.73%	0.097%
14	4.149	4.121	4.235	VV	1922	33197	0.75%	0.100%
15	4.248	4.235	4.257	VV	1781	14318	0.33%	0.043%
16	4.277	4.257	4.315	VV	3292	71364	1.62%	0.215%
17	4.332	4.315	4.385	VV	1929	25366	0.58%	0.077%
18	4.391	4.385	4.411	VV	185	2497	0.06%	0.008%
19	4.455	4.411	4.511	VV	1805	28756	0.65%	0.087%
20	4.515	4.511	4.545	VV	249	4134	0.09%	0.012%
21	4.566	4.545	4.591	VV	400	7799	0.18%	0.024%
22	4.603	4.591	4.621	VV	385	4499	0.10%	0.014%
23	4.633	4.621	4.707	VV	407	7795	0.18%	0.024%
24	4.734	4.707	4.757	VV	1036	11495	0.26%	0.035%
25	4.785	4.757	4.824	VV	843	12280	0.28%	0.037%
26	4.846	4.824	4.907	VV	1405	14966	0.34%	0.045%
27	4.933	4.907	4.972	VV	157	3625	0.08%	0.011%
28	4.988	4.972	5.005	VV	196	2254	0.05%	0.007%
29	5.014	5.005	5.021	VV	141	970	0.02%	0.003%
30	5.043	5.021	5.090	VV	708	11391	0.26%	0.034%
31	5.135	5.090	5.179	VV	1743	26763	0.61%	0.081%
32	5.221	5.179	5.245	VV	442	9303	0.21%	0.028%
33	5.269	5.245	5.303	VV	281	5694	0.13%	0.017%
34	5.332	5.303	5.367	VV	926	12934	0.29%	0.039%
35	5.391	5.367	5.423	VV	227	4072	0.09%	0.012%
36	5.442	5.423	5.458	VV	139	1570	0.04%	0.005%

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37	5.474	5.458	5.488	VV	146	1494	0.03%	0.005%
38	5.508	5.488	5.564	VV	529	7990	0.18%	0.024%
39	5.578	5.564	5.619	PV	150	1413	0.03%	0.004%
40	5.670	5.619	5.695	VV	897	9934	0.23%	0.030%
41	5.754	5.695	5.782	VV	426	7144	0.16%	0.022%
42	5.805	5.782	5.838	VV	929	12262	0.28%	0.037%
43	5.899	5.838	5.912	VV	129	3528	0.08%	0.011%
44	5.940	5.912	5.977	VV	270	4821	0.11%	0.015%
45	5.988	5.977	6.005	VV	67	694	0.02%	0.002%
46	6.069	6.005	6.117	PV	208	6399	0.15%	0.019%
47	6.133	6.117	6.164	VV	137	2575	0.06%	0.008%
48	6.176	6.164	6.200	VV	102	1523	0.03%	0.005%
49	6.211	6.200	6.227	VV	111	1394	0.03%	0.004%
50	6.270	6.227	6.338	VV	1772	26290	0.60%	0.079%
51	6.355	6.338	6.396	VV	201	4110	0.09%	0.012%
52	6.461	6.396	6.515	VV	2479	34407	0.78%	0.104%
53	6.570	6.515	6.640	VV	642	15013	0.34%	0.045%
54	6.648	6.640	6.658	VV	157	974	0.02%	0.003%
55	6.678	6.658	6.698	VV	141	2889	0.07%	0.009%
56	6.723	6.698	6.807	VV	235	7943	0.18%	0.024%
57	6.841	6.807	6.877	VV	168	4323	0.10%	0.013%
58	6.885	6.877	6.911	VV	113	1353	0.03%	0.004%
59	6.919	6.911	6.930	VV	131	1016	0.02%	0.003%
60	6.942	6.930	6.951	VV	114	958	0.02%	0.003%
61	6.958	6.951	6.990	VV	125	1488	0.03%	0.004%
62	7.010	6.990	7.041	VV	99	1820	0.04%	0.005%
63	7.046	7.041	7.078	VV	120	1311	0.03%	0.004%
64	7.087	7.078	7.101	PV	127	823	0.02%	0.002%
65	7.123	7.101	7.148	VV	844	9602	0.22%	0.029%
66	7.180	7.148	7.190	VV	664	10637	0.24%	0.032%
67	7.203	7.190	7.238	VV	816	11211	0.25%	0.034%
68	7.272	7.238	7.328	VV	1448	24717	0.56%	0.075%
69	7.336	7.328	7.340	VV	100	650	0.01%	0.002%
70	7.349	7.340	7.354	VV	183	1091	0.02%	0.003%
71	7.395	7.354	7.432	VV	677	13638	0.31%	0.041%
72	7.459	7.432	7.525	VV	1862	24096	0.55%	0.073%
73	7.543	7.525	7.565	VV	226	3288	0.07%	0.010%
74	7.583	7.565	7.604	VV	170	2948	0.07%	0.009%
75	7.621	7.604	7.645	VV	166	2052	0.05%	0.006%
76	7.690	7.645	7.726	PV	1617	24217	0.55%	0.073%
77	7.741	7.726	7.781	VV	278	4071	0.09%	0.012%
78	7.801	7.781	7.880	VV	162	5000	0.11%	0.015%
79	7.896	7.880	7.914	VV	161	2424	0.06%	0.007%
80	8.085	8.068	8.125	VV	941	24408	0.55%	0.074%
81	8.132	8.125	8.200	VV	593	17241	0.39%	0.052%
82	8.215	8.200	8.231	VV	347	4567	0.10%	0.014%
83	8.253	8.231	8.268	VV	326	5765	0.13%	0.017%
84	8.283	8.268	8.354	VV	350	10538	0.24%	0.032%
85	8.380	8.354	8.428	VV	324	7835	0.18%	0.024%
86	8.445	8.428	8.467	VV	764	10586	0.24%	0.032%
87	8.486	8.467	8.502	VV	766	10651	0.24%	0.032%
88	8.524	8.502	8.544	VV	3736	47397	1.08%	0.143%
89	8.560	8.544	8.640	VV	1846	29575	0.67%	0.089%

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90	8.670	8.640	8.691	VV	385	7291	0.17%	0.022%
91	8.712	8.691	8.761	VV	447	8205	0.19%	0.025%
92	8.793	8.761	8.820	VV	852	10226	0.23%	0.031%
93	9.011	8.992	9.027	VV	599	10583	0.24%	0.032%
94	9.051	9.027	9.079	VV	569	14421	0.33%	0.044%
95	9.097	9.079	9.118	VV	446	7971	0.18%	0.024%
96	9.126	9.118	9.140	VV	464	4940	0.11%	0.015%
97	9.162	9.140	9.256	VV	750	19469	0.44%	0.059%
98	9.292	9.256	9.357	VV	1385	30258	0.69%	0.091%
99	9.387	9.357	9.419	VV	927	13544	0.31%	0.041%
100	9.439	9.419	9.448	VV	189	2694	0.06%	0.008%
101	9.450	9.448	9.459	VV	202	822	0.02%	0.002%
102	9.476	9.459	9.514	VV	179	3206	0.07%	0.010%
103	9.526	9.514	9.538	VV	110	1215	0.03%	0.004%
104	9.566	9.538	9.608	VV	240	6047	0.14%	0.018%
105	9.620	9.608	9.655	VV	140	1499	0.03%	0.005%
106	9.662	9.655	9.684	VV	113	1608	0.04%	0.005%
107	9.706	9.684	9.742	VV	1989	26810	0.61%	0.081%
108	9.762	9.742	9.786	VV	352	6438	0.15%	0.019%
109	9.802	9.786	9.868	VV	229	6590	0.15%	0.020%
110	9.898	9.868	9.933	VV	228	5318	0.12%	0.016%
111	9.944	9.933	9.979	VV	178	2943	0.07%	0.009%
112	10.003	9.979	10.063	PV	178	4586	0.10%	0.014%
113	10.098	10.063	10.121	VV	363	6780	0.15%	0.020%
114	10.171	10.121	10.221	VV	607	16153	0.37%	0.049%
115	10.232	10.221	10.239	VV	120	902	0.02%	0.003%
116	10.266	10.239	10.291	VV	147	2419	0.05%	0.007%
117	10.315	10.291	10.340	VV	107	1616	0.04%	0.005%
118	10.354	10.340	10.409	PV	76	1428	0.03%	0.004%
119	10.507	10.409	10.538	VV	199	8827	0.20%	0.027%
120	10.559	10.538	10.581	VV	256	4417	0.10%	0.013%
121	10.600	10.581	10.626	VV	265	4677	0.11%	0.014%
122	10.648	10.626	10.669	VV	236	4526	0.10%	0.014%
123	10.721	10.669	10.747	VV	259	7845	0.18%	0.024%
124	10.755	10.747	10.774	VV	272	3089	0.07%	0.009%
125	10.799	10.774	10.814	VV	346	6218	0.14%	0.019%
126	10.832	10.814	10.844	VV	412	5888	0.13%	0.018%
127	10.860	10.844	10.887	VV	711	11016	0.25%	0.033%
128	10.908	10.887	10.958	VV	603	18104	0.41%	0.055%
129	11.001	10.958	11.071	VV	719	26764	0.61%	0.081%
130	11.089	11.071	11.110	VV	362	6112	0.14%	0.018%
131	11.125	11.110	11.137	VV	484	5824	0.13%	0.018%
132	11.175	11.137	11.215	VV	1055	26822	0.61%	0.081%
133	11.240	11.215	11.255	VV	417	7818	0.18%	0.024%
134	11.273	11.255	11.321	VV	331	10454	0.24%	0.032%
135	11.345	11.321	11.395	VV	374	13543	0.31%	0.041%
136	11.413	11.395	11.431	VV	396	6937	0.16%	0.021%
137	11.443	11.431	11.498	VV	399	13410	0.30%	0.040%
138	11.508	11.498	11.518	VV	322	3727	0.08%	0.011%
139	11.542	11.518	11.568	VV	1705	26525	0.60%	0.080%
140	11.619	11.568	11.648	VV	1544	36017	0.82%	0.109%
141	11.681	11.648	11.698	VV	792	17487	0.40%	0.053%

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142	11.706	11.698	11.748	VV	748	13253	0.30%	0.040%
143	11.768	11.748	11.787	VV	422	8792	0.20%	0.027%
144	11.804	11.787	11.825	VV	602	9927	0.23%	0.030%
145	11.856	11.825	11.891	VV	5083	73474	1.67%	0.222%
146	11.928	11.891	11.990	VV	397383	4402772	100.00%	13.288%
147	12.013	11.990	12.048	VV	1282	26386	0.60%	0.080%
148	12.064	12.048	12.079	VV	669	10458	0.24%	0.032%
149	12.091	12.079	12.111	VV	666	10191	0.23%	0.031%
150	12.133	12.111	12.189	VV	1785	33512	0.76%	0.101%
151	12.221	12.189	12.238	VV	458	9888	0.22%	0.030%
152	12.286	12.238	12.308	VV	605	17659	0.40%	0.053%
153	12.329	12.308	12.348	VV	767	12926	0.29%	0.039%
154	12.372	12.348	12.411	VV	1630	28162	0.64%	0.085%
155	12.433	12.411	12.473	VV	399	10001	0.23%	0.030%
156	12.524	12.473	12.598	VV	41033	477468	10.84%	1.441%
157	12.604	12.598	12.645	VV	514	11169	0.25%	0.034%
158	12.681	12.645	12.715	VV	360	13275	0.30%	0.040%
159	12.729	12.715	12.762	VV	450	8974	0.20%	0.027%
160	12.771	12.762	12.803	VV	286	5691	0.13%	0.017%
161	12.812	12.803	12.826	VV	275	3149	0.07%	0.010%
162	12.861	12.826	12.896	VV	449	12289	0.28%	0.037%
163	12.919	12.896	12.950	VV	711	11328	0.26%	0.034%
164	12.975	12.950	13.021	VV	1127	18963	0.43%	0.057%
165	13.043	13.021	13.088	VV	340	9285	0.21%	0.028%
166	13.097	13.088	13.108	VV	165	1518	0.03%	0.005%
167	13.112	13.108	13.118	VV	162	746	0.02%	0.002%
168	13.153	13.118	13.196	VV	359	9831	0.22%	0.030%
169	13.208	13.196	13.248	VV	215	5029	0.11%	0.015%
170	13.273	13.248	13.310	VV	1094	15606	0.35%	0.047%
171	13.366	13.310	13.434	VV	279407	3470573	78.83%	10.474%
172	13.444	13.434	13.462	VV	437	6169	0.14%	0.019%
173	13.479	13.462	13.498	VV	371	5707	0.13%	0.017%
174	13.539	13.498	13.580	VV	1457	30762	0.70%	0.093%
175	13.591	13.580	13.640	VV	499	13060	0.30%	0.039%
176	13.652	13.640	13.685	VV	361	6934	0.16%	0.021%
177	13.720	13.685	13.734	VV	442	7470	0.17%	0.023%
178	13.755	13.734	13.803	VV	3686	46355	1.05%	0.140%
179	13.822	13.803	13.856	VV	228	5119	0.12%	0.015%
180	13.868	13.856	13.885	VV	214	2819	0.06%	0.009%
181	13.915	13.885	13.928	VV	168	3497	0.08%	0.011%
182	13.972	13.928	14.015	VV	255	7980	0.18%	0.024%
183	14.070	14.015	14.098	VV	1440	24995	0.57%	0.075%
184	14.118	14.098	14.165	VV	1060	20242	0.46%	0.061%
185	14.182	14.165	14.192	VV	158	1839	0.04%	0.006%
186	14.212	14.192	14.270	VV	181	4296	0.10%	0.013%
187	14.280	14.270	14.302	VV	62	697	0.02%	0.002%
188	14.327	14.302	14.400	PV	93	3952	0.09%	0.012%
189	14.419	14.400	14.429	VV	157	1720	0.04%	0.005%
190	14.435	14.429	14.454	VV	97	648	0.01%	0.002%
191	14.480	14.454	14.498	PV	301	4052	0.09%	0.012%
192	14.507	14.498	14.522	VV	229	2704	0.06%	0.008%
193	14.557	14.522	14.594	VV	1443	33383	0.76%	0.101%
194	14.614	14.594	14.658	VV	1040	22033	0.50%	0.066%

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195	14.682	14.658	14.706	VV	2837	38669	0.88%	0.117%
196	14.740	14.706	14.765	VV	683	15967	0.36%	0.048%
197	14.780	14.765	14.810	VV	451	6911	0.16%	0.021%
198	14.838	14.810	14.870	VV	293	4776	0.11%	0.014%
199	14.896	14.870	14.953	VV	681	9904	0.22%	0.030%
200	14.964	14.953	14.972	VV	129	807	0.02%	0.002%
201	14.983	14.972	15.001	VV	156	1374	0.03%	0.004%
202	15.027	15.001	15.038	PV	308	4211	0.10%	0.013%
203	15.058	15.038	15.094	VV	395	6872	0.16%	0.021%
204	15.151	15.094	15.164	VV	581	14036	0.32%	0.042%
205	15.189	15.164	15.203	VV	1598	25467	0.58%	0.077%
206	15.221	15.203	15.243	VV	2758	38574	0.88%	0.116%
207	15.265	15.243	15.312	VV	3560	49145	1.12%	0.148%
208	15.324	15.312	15.336	VV	134	1524	0.03%	0.005%
209	15.380	15.336	15.398	VV	256	4511	0.10%	0.014%
210	15.410	15.398	15.435	VV	151	2021	0.05%	0.006%
211	15.510	15.435	15.538	PV	776	14636	0.33%	0.044%
212	15.556	15.538	15.574	VV	386	4660	0.11%	0.014%
213	15.638	15.574	15.719	VV	14013	510792	11.60%	1.542%
214	15.741	15.719	15.780	VV	4998	84039	1.91%	0.254%
215	15.814	15.780	15.850	VV	4684	75858	1.72%	0.229%
216	15.863	15.850	15.894	VV	357	5845	0.13%	0.018%
217	15.916	15.894	15.942	VV	165	2620	0.06%	0.008%
218	15.971	15.942	15.994	VV	151	3097	0.07%	0.009%
219	16.000	15.994	16.011	VV	106	728	0.02%	0.002%
220	16.069	16.011	16.095	VV	465	10724	0.24%	0.032%
221	16.114	16.095	16.141	VV	347	6378	0.14%	0.019%
222	16.205	16.141	16.219	VV	1000	26328	0.60%	0.079%
223	16.244	16.219	16.276	VV	3672	53404	1.21%	0.161%
224	16.304	16.276	16.371	VV	1686	30023	0.68%	0.091%
225	16.381	16.371	16.398	VV	157	1584	0.04%	0.005%
226	16.431	16.398	16.462	PV	155	3189	0.07%	0.010%
227	16.557	16.462	16.588	VV	764	25881	0.59%	0.078%
228	16.605	16.588	16.620	VV	256	4528	0.10%	0.014%
229	16.691	16.620	16.706	VV	3560	114545	2.60%	0.346%
230	16.726	16.706	16.771	VV	6406	109836	2.49%	0.331%
231	16.803	16.771	16.835	VV	2268	40821	0.93%	0.123%
232	16.851	16.835	16.872	VV	366	6197	0.14%	0.019%
233	16.883	16.872	16.891	VV	242	2631	0.06%	0.008%
234	16.896	16.891	16.918	VV	235	3118	0.07%	0.009%
235	16.924	16.918	16.975	VV	252	6936	0.16%	0.021%
236	17.028	16.975	17.051	VV	903	26491	0.60%	0.080%
237	17.101	17.051	17.124	VV	1276	36753	0.83%	0.111%
238	17.166	17.124	17.173	VV	2282	36451	0.83%	0.110%
239	17.194	17.173	17.221	VV	4925	79177	1.80%	0.239%
240	17.269	17.221	17.363	VV	8318	152899	3.47%	0.461%
241	17.487	17.363	17.551	VV	4553	143012	3.25%	0.432%
242	17.646	17.551	17.703	VV	73773	1248838	28.36%	3.769%
243	17.728	17.703	17.768	VV	2198	48986	1.11%	0.148%
244	17.811	17.768	17.836	VV	1519	36668	0.83%	0.111%
245	17.906	17.836	17.924	VV	2626	62009	1.41%	0.187%
246	17.938	17.924	17.955	VV	1697	28198	0.64%	0.085%

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247	17.971	17.955	17.995	VV	1824	34971	0.79%	0.106%
248	18.081	17.995	18.112	VV	5958	210432	4.78%	0.635%
249	18.169	18.112	18.203	VV	11485	216780	4.92%	0.654%
250	18.223	18.203	18.244	VV	1321	30447	0.69%	0.092%
251	18.310	18.244	18.329	VV	2766	84426	1.92%	0.255%
252	18.369	18.329	18.433	VV	121443	1848611	41.99%	5.579%
253	18.505	18.433	18.579	VV	27177	759423	17.25%	2.292%
254	18.599	18.579	18.684	VV	3087	129437	2.94%	0.391%
255	18.705	18.684	18.719	VV	1644	33078	0.75%	0.100%
256	18.749	18.719	18.762	VV	1996	45030	1.02%	0.136%
257	18.793	18.762	18.845	VV	2494	104835	2.38%	0.316%
258	18.884	18.845	18.896	VV	5098	106818	2.43%	0.322%
259	18.913	18.896	18.965	VV	5249	142113	3.23%	0.429%
260	19.015	18.965	19.051	VV	10983	242698	5.51%	0.732%
261	19.074	19.051	19.101	VV	3266	89133	2.02%	0.269%
262	19.134	19.101	19.153	VV	3272	93117	2.11%	0.281%
263	19.193	19.153	19.224	VV	24354	452666	10.28%	1.366%
264	19.261	19.224	19.291	VV	13546	403436	9.16%	1.218%
265	19.327	19.291	19.389	VV	16464	611665	13.89%	1.846%
266	19.440	19.389	19.471	VV	7467	304726	6.92%	0.920%
267	19.506	19.471	19.537	VV	8490	264540	6.01%	0.798%
268	19.571	19.537	19.649	VV	8636	388618	8.83%	1.173%
269	19.693	19.649	19.735	VV	6611	233292	5.30%	0.704%
270	19.756	19.735	19.777	VV	4293	95161	2.16%	0.287%
271	19.808	19.777	19.841	VV	9062	216096	4.91%	0.652%
272	19.867	19.841	19.905	VV	5145	155731	3.54%	0.470%
273	19.940	19.905	19.961	VV	5179	136902	3.11%	0.413%
274	19.978	19.961	20.011	VV	4311	121072	2.75%	0.365%
275	20.052	20.011	20.098	VV	6772	277769	6.31%	0.838%
276	20.106	20.098	20.165	VV	4864	178141	4.05%	0.538%
277	20.211	20.165	20.247	VV	4494	209209	4.75%	0.631%
278	20.322	20.247	20.371	VV	6140	379033	8.61%	1.144%
279	20.441	20.371	20.474	VV	8205	353686	8.03%	1.067%
280	20.599	20.474	20.636	VV	11438	654772	14.87%	1.976%
281	20.669	20.636	20.688	VV	6150	181092	4.11%	0.547%
282	20.750	20.688	20.768	VV	6652	298853	6.79%	0.902%
283	20.799	20.768	20.835	VV	7798	281646	6.40%	0.850%
284	20.889	20.835	20.908	VV	7096	305876	6.95%	0.923%
285	20.914	20.908	20.937	VV	7016	123228	2.80%	0.372%
286	20.966	20.937	21.025	VV	7207	371495	8.44%	1.121%
287	21.100	21.025	21.133	VV	7623	481360	10.93%	1.453%
288	21.182	21.133	21.229	VV	12987	534774	12.15%	1.614%
289	21.237	21.229	21.247	VV	7732	85801	1.95%	0.259%
290	21.340	21.247	21.380	VV	8099	629720	14.30%	1.901%
291	21.417	21.380	21.439	VV	8025	280803	6.38%	0.847%
292	21.479	21.439	21.490	VV	8062	245534	5.58%	0.741%
293	21.504	21.490	21.543	VV	8120	256421	5.82%	0.774%
294	21.610	21.543	21.712	VV	9132	843197	19.15%	2.545%
295	21.721	21.712	21.758	VV	7966	220346	5.00%	0.665%
296	21.773	21.758	21.801	VV	7952	203035	4.61%	0.613%
297	21.861	21.801	21.895	VV	7915	438589	9.96%	1.324%
298	21.929	21.895	21.938	VV	7916	205675	4.67%	0.621%
299	21.973	21.938	22.005	VV	8028	315953	7.18%	0.954%

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300	22.012	22.005	22.031	VV	7914	126403	2.87%	0.381%	
301	22.099	22.031	22.251	VV	16325	1253183	28.46%	3.782%	
302	22.277	22.251	22.301	VBA	7720	242501	5.51%	0.732%	
					Sum of corrected areas:	33133978			

Aliphatic EPH 083023.M Sat Sep 02 05:12:20 2023