

rteres

Instrument :

FID_E

ClientSampleId :

CMC-EME-TOPSOIL-011

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE

Data File : FE043060.D

Signal(s) : FID1B.ch

Acq On : 03 Jul 2023 19:58

Sample : 03473-06

Misc :

ALS Vial : 28 Sample Multiplier: 1

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.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	3.256	3.205	3.268	BV	47	259	0.00%	0.000%
2	3.286	3.268	3.309	PV	588	6018	0.07%	0.007%
3	3.325	3.309	3.335	VV	118	1203	0.01%	0.001%
4	3.345	3.335	3.354	VV	78	650	0.01%	0.001%
5	3.394	3.354	3.435	PV	174	5286	0.06%	0.006%
6	3.498	3.435	3.507	VV	242	7070	0.08%	0.008%
7	3.531	3.507	3.555	VV	323	6091	0.07%	0.007%
8	3.559	3.555	3.581	VV	238	2788	0.03%	0.003%
9	3.622	3.581	3.654	VV	409	11442	0.13%	0.013%
10	3.674	3.654	3.708	VV	677	10851	0.13%	0.012%
11	3.731	3.708	3.764	VV	421	8531	0.10%	0.009%
12	3.773	3.764	3.805	VV	245	5011	0.06%	0.005%
13	3.816	3.805	3.858	VV	285	6977	0.08%	0.008%
14	3.877	3.858	3.921	VV	274	8864	0.10%	0.010%
15	3.976	3.921	4.046	VV	287	17674	0.21%	0.019%
16	4.079	4.046	4.093	VV	963	14660	0.17%	0.016%
17	4.112	4.093	4.171	VV	2253	33555	0.40%	0.037%
18	4.189	4.171	4.227	VV	504	10889	0.13%	0.012%
19	4.249	4.227	4.258	VV	492	7448	0.09%	0.008%
20	4.282	4.258	4.313	VV	1814	26254	0.31%	0.029%
21	4.330	4.313	4.365	VV	360	8439	0.10%	0.009%
22	4.408	4.365	4.434	VV	350	10971	0.13%	0.012%
23	4.451	4.434	4.461	VV	380	5557	0.07%	0.006%
24	4.484	4.461	4.521	VV	389	11325	0.13%	0.012%
25	4.539	4.521	4.594	VV	1844	29749	0.35%	0.033%
26	4.606	4.594	4.635	VV	341	6430	0.08%	0.007%
27	4.665	4.635	4.695	VV	787	16410	0.19%	0.018%
28	4.726	4.695	4.748	VV	2846	37370	0.44%	0.041%
29	4.759	4.748	4.770	VV	657	7221	0.09%	0.008%
30	4.789	4.770	4.805	VV	2405	27973	0.33%	0.031%
31	4.822	4.805	4.848	VV	3937	45593	0.54%	0.050%

32	4.861	4.848	4.882	VV	401	7376	0.09%	0.008%
33	4.900	4.882	4.919	VV	429	738		
34	4.952	4.919	4.989	VV	881	2008		
35	4.997	4.989	5.005	VV	299	292		
36	5.036	5.005	5.130	VV	453	2447		
37	5.153	5.130	5.178	VV	853	14949	0.18%	0.016%
38	5.239	5.178	5.275	VV	9953	145794	1.72%	0.160%
39	5.301	5.275	5.331	VV	2352	34456	0.41%	0.038%
40	5.356	5.331	5.401	VV	564	15870	0.19%	0.017%
41	5.421	5.401	5.431	VV	460	6695	0.08%	0.007%
42	5.449	5.431	5.469	VV	905	13871	0.16%	0.015%
43	5.489	5.469	5.536	VV	678	18337	0.22%	0.020%
44	5.554	5.536	5.565	VV	510	7511	0.09%	0.008%
45	5.573	5.565	5.601	VV	516	9399	0.11%	0.010%
46	5.637	5.601	5.656	VV	728	15731	0.19%	0.017%
47	5.680	5.656	5.702	VV	1716	30963	0.36%	0.034%
48	5.720	5.702	5.761	VV	3672	47267	0.56%	0.052%
49	5.780	5.761	5.809	VV	1183	19239	0.23%	0.021%
50	5.857	5.809	5.895	VV	1399	35016	0.41%	0.038%
51	5.906	5.895	5.925	VV	489	7338	0.09%	0.008%
52	5.940	5.925	5.960	VV	546	9321	0.11%	0.010%
53	5.985	5.960	6.024	VV	969	22251	0.26%	0.024%
54	6.082	6.024	6.128	VV	654	30348	0.36%	0.033%
55	6.156	6.128	6.175	VV	668	14063	0.17%	0.015%
56	6.210	6.175	6.222	VV	714	15712	0.19%	0.017%
57	6.263	6.222	6.285	VV	986	28300	0.33%	0.031%
58	6.307	6.285	6.335	VV	1438	28481	0.34%	0.031%
59	6.353	6.335	6.380	VV	2253	34631	0.41%	0.038%
60	6.391	6.380	6.400	VV	795	8523	0.10%	0.009%
61	6.418	6.400	6.461	VV	1553	39979	0.47%	0.044%
62	6.492	6.461	6.555	VV	1387	55554	0.65%	0.061%
63	6.589	6.555	6.611	VV	1322	35309	0.42%	0.039%
64	6.630	6.611	6.647	VV	1197	22290	0.26%	0.024%
65	6.671	6.647	6.685	VV	1122	23847	0.28%	0.026%
66	6.708	6.685	6.775	VV	11621	172986	2.04%	0.190%
67	6.794	6.775	6.818	VV	2571	43284	0.51%	0.047%
68	6.832	6.818	6.843	VV	1874	23681	0.28%	0.026%
69	6.861	6.843	6.882	VV	4448	61939	0.73%	0.068%
70	6.896	6.882	6.918	VV	2357	34345	0.40%	0.038%
71	6.936	6.918	6.957	VV	2349	36182	0.43%	0.040%
72	6.972	6.957	7.012	VV	1280	34978	0.41%	0.038%
73	7.039	7.012	7.062	VV	1321	33424	0.39%	0.037%
74	7.085	7.062	7.145	VV	1229	53465	0.63%	0.059%
75	7.163	7.145	7.194	VV	2697	48154	0.57%	0.053%
76	7.217	7.194	7.232	VV	3165	51290	0.60%	0.056%
77	7.241	7.232	7.254	VV	2393	27893	0.33%	0.031%
78	7.269	7.254	7.310	VV	2635	67110	0.79%	0.074%
79	7.347	7.310	7.371	VV	3706	80376	0.95%	0.088%

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80	7.385	7.371	7.405	VV	1573	25149	0.30%	0.028%
81	7.432	7.405	7.487	VV	2213	7406		
82	7.512	7.487	7.551	VV	7946	11939		
83	7.573	7.551	7.581	VV	1781	2735		
84	7.591	7.581	7.607	VV	1844	2536		
85	7.621	7.607	7.634	VV	2230	30280	0.36%	0.033%
86	7.655	7.634	7.679	VV	3624	60648	0.71%	0.066%
87	7.719	7.679	7.733	VV	1915	47829	0.56%	0.052%
88	7.748	7.733	7.770	VV	2329	36826	0.43%	0.040%
89	7.789	7.770	7.805	VV	1351	25165	0.30%	0.028%
90	7.830	7.805	7.854	VV	1646	38705	0.46%	0.042%
91	7.864	7.854	7.894	VV	1069	23444	0.28%	0.026%
92	7.920	7.894	7.962	VV	3582	62633	0.74%	0.069%
93	8.000	7.962	8.053	VV	1289	54439	0.64%	0.060%
94	8.090	8.053	8.105	VV	1336	31633	0.37%	0.035%
95	8.118	8.105	8.131	VV	1220	16244	0.19%	0.018%
96	8.140	8.131	8.158	VV	1092	16088	0.19%	0.018%
97	8.185	8.158	8.206	VV	1327	26711	0.31%	0.029%
98	8.230	8.206	8.258	VV	2249	39157	0.46%	0.043%
99	8.288	8.258	8.311	VV	2707	47912	0.56%	0.053%
100	8.325	8.311	8.339	VV	975	15139	0.18%	0.017%
101	8.356	8.339	8.384	VV	1340	25056	0.30%	0.027%
102	8.408	8.384	8.424	VV	945	19650	0.23%	0.022%
103	8.444	8.424	8.465	VV	1653	27957	0.33%	0.031%
104	8.477	8.465	8.495	VV	1028	16206	0.19%	0.018%
105	8.538	8.495	8.613	VV	9250	177106	2.09%	0.194%
106	8.648	8.613	8.670	VV	1723	46379	0.55%	0.051%
107	8.688	8.670	8.711	VV	1588	26829	0.32%	0.029%
108	8.731	8.711	8.753	VV	1285	23251	0.27%	0.025%
109	8.772	8.753	8.807	VV	1647	28337	0.33%	0.031%
110	8.818	8.807	8.831	VV	493	6472	0.08%	0.007%
111	8.860	8.831	8.973	VV	7073	229102	2.70%	0.251%
112	8.999	8.973	9.016	VV	1990	41326	0.49%	0.045%
113	9.030	9.016	9.042	VV	1603	22689	0.27%	0.025%
114	9.081	9.042	9.122	VV	2809	80182	0.94%	0.088%
115	9.143	9.122	9.171	VV	1368	25915	0.31%	0.028%
116	9.196	9.171	9.218	VV	1151	22061	0.26%	0.024%
117	9.235	9.218	9.244	VV	828	11325	0.13%	0.012%
118	9.270	9.244	9.285	VV	2954	45113	0.53%	0.049%
119	9.299	9.285	9.341	VV	2647	59028	0.70%	0.065%
120	9.379	9.341	9.432	VV	5918	116976	1.38%	0.128%
121	9.452	9.432	9.481	VV	1757	26453	0.31%	0.029%
122	9.501	9.481	9.535	VV	1104	19010	0.22%	0.021%
123	9.582	9.535	9.635	VV	715	26019	0.31%	0.029%
124	9.667	9.635	9.705	VV	1293	31357	0.37%	0.034%
125	9.731	9.705	9.770	VV	2531	42147	0.50%	0.046%
126	9.804	9.770	9.851	VV	522	18541	0.22%	0.020%

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127	9.873	9.851	9.900	VV	953	14709	0.17%	0.016%
128	9.925	9.900	9.971	VV	830	1536		
129	9.983	9.971	10.008	VV	296	436		
130	10.017	10.008	10.034	VV	217	212		
131	10.066	10.034	10.118	VV	2095	3618		
132	10.146	10.118	10.199	VV	6980	96599	1.14%	0.106%
133	10.242	10.199	10.305	VV	759	30533	0.36%	0.033%
134	10.314	10.305	10.368	VV	402	5617	0.07%	0.006%
135	10.424	10.368	10.438	PV	536	10179	0.12%	0.011%
136	10.465	10.438	10.503	VV	982	20996	0.25%	0.023%
137	10.539	10.503	10.556	VV	1122	21768	0.26%	0.024%
138	10.577	10.556	10.601	VV	1001	17081	0.20%	0.019%
139	10.626	10.601	10.669	VV	771	20253	0.24%	0.022%
140	10.700	10.669	10.715	VV	338	7882	0.09%	0.009%
141	10.746	10.715	10.761	VV	1092	17320	0.20%	0.019%
142	10.781	10.761	10.799	VV	923	18160	0.21%	0.020%
143	10.825	10.799	10.848	VV	1215	26874	0.32%	0.029%
144	10.885	10.848	10.925	VV	1779	43386	0.51%	0.048%
145	10.940	10.925	10.953	VV	945	13914	0.16%	0.015%
146	10.969	10.953	10.982	VV	925	14629	0.17%	0.016%
147	11.012	10.982	11.067	VV	3173	67394	0.79%	0.074%
148	11.079	11.067	11.087	VV	652	7388	0.09%	0.008%
149	11.103	11.087	11.126	VV	893	14248	0.17%	0.016%
150	11.137	11.126	11.152	VV	440	5406	0.06%	0.006%
151	11.171	11.152	11.185	VV	594	7931	0.09%	0.009%
152	11.207	11.185	11.241	VV	766	17098	0.20%	0.019%
153	11.254	11.241	11.267	VV	695	8756	0.10%	0.010%
154	11.310	11.267	11.329	VV	1756	34108	0.40%	0.037%
155	11.336	11.329	11.360	VV	707	8663	0.10%	0.009%
156	11.391	11.360	11.428	VV	671	12858	0.15%	0.014%
157	11.445	11.428	11.458	PV	223	2546	0.03%	0.003%
158	11.520	11.458	11.561	VV	3816	57322	0.68%	0.063%
159	11.589	11.561	11.622	VV	8074	107247	1.26%	0.118%
160	11.636	11.622	11.655	VV	514	8350	0.10%	0.009%
161	11.682	11.655	11.731	VV	742	16399	0.19%	0.018%
162	11.748	11.731	11.765	PV	270	3090	0.04%	0.003%
163	11.816	11.765	11.865	VV	367	9052	0.11%	0.010%
164	11.907	11.865	11.925	VV	760	15843	0.19%	0.017%
165	11.941	11.925	11.961	VV	730	13353	0.16%	0.015%
166	11.978	11.961	12.030	VV	1196	24065	0.28%	0.026%
167	12.053	12.030	12.086	VV	702	16236	0.19%	0.018%
168	12.107	12.086	12.126	VV	447	6683	0.08%	0.007%
169	12.252	12.126	12.285	VV	1992	82879	0.98%	0.091%
170	12.300	12.285	12.328	VV	927	17684	0.21%	0.019%
171	12.352	12.328	12.372	VV	711	13123	0.15%	0.014%
172	12.394	12.372	12.438	VV	1170	33496	0.39%	0.037%
173	12.475	12.438	12.515	VV	2354	58499	0.69%	0.064%
174	12.539	12.515	12.601	VV	914	29636	0.35%	0.032%

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175	12.636	12.601	12.651	VV	629	15527	0.18%	0.017%
176	12.669	12.651	12.698	VV	945	2215		
177	12.755	12.698	12.781	VV	3904	8366		
178	12.793	12.781	12.808	VV	438	611		
179	12.838	12.808	12.868	VV	3747	5411		
180	12.898	12.868	12.952	VV	8989	118781	1.40%	0.130%
181	12.967	12.952	13.027	VV	385	10747	0.13%	0.012%
182	13.038	13.027	13.097	VV	238	5821	0.07%	0.006%
183	13.107	13.097	13.125	VV	106	715	0.01%	0.001%
184	13.173	13.125	13.208	PV	492	14618	0.17%	0.016%
185	13.224	13.208	13.237	VV	356	4228	0.05%	0.005%
186	13.283	13.237	13.301	VV	563	16076	0.19%	0.018%
187	13.345	13.301	13.440	VV	231010	2794873	32.93%	3.063%
188	13.461	13.440	13.485	VV	1368	26601	0.31%	0.029%
189	13.510	13.485	13.543	VV	2668	48520	0.57%	0.053%
190	13.563	13.543	13.611	VV	1072	33077	0.39%	0.036%
191	13.626	13.611	13.682	VV	778	24892	0.29%	0.027%
192	13.713	13.682	13.746	VV	1010	28814	0.34%	0.032%
193	13.779	13.746	13.825	VV	1370	43680	0.51%	0.048%
194	13.850	13.825	13.871	VV	541	12757	0.15%	0.014%
195	13.891	13.871	13.922	VV	553	14411	0.17%	0.016%
196	13.947	13.922	13.989	VV	816	24651	0.29%	0.027%
197	14.044	13.989	14.069	VV	3257	60423	0.71%	0.066%
198	14.097	14.069	14.181	VV	12085	172222	2.03%	0.189%
199	14.195	14.181	14.215	VV	326	4729	0.06%	0.005%
200	14.226	14.215	14.233	VV	201	1728	0.02%	0.002%
201	14.255	14.233	14.275	VV	222	3743	0.04%	0.004%
202	14.332	14.275	14.361	PV	666	17254	0.20%	0.019%
203	14.386	14.361	14.415	VV	1582	24879	0.29%	0.027%
204	14.428	14.415	14.447	VV	390	5893	0.07%	0.006%
205	14.462	14.447	14.478	VV	367	5599	0.07%	0.006%
206	14.535	14.478	14.574	VV	2704	52061	0.61%	0.057%
207	14.588	14.574	14.617	VV	705	15179	0.18%	0.017%
208	14.625	14.617	14.630	VV	570	4108	0.05%	0.005%
209	14.659	14.630	14.698	VV	14017	184994	2.18%	0.203%
210	14.799	14.698	14.825	VV	750	40482	0.48%	0.044%
211	14.838	14.825	14.895	VV	483	16648	0.20%	0.018%
212	14.915	14.895	14.928	VV	675	10235	0.12%	0.011%
213	14.976	14.928	14.991	VV	927	26584	0.31%	0.029%
214	15.008	14.991	15.028	VV	1225	19050	0.22%	0.021%
215	15.041	15.028	15.098	VV	760	17821	0.21%	0.020%
216	15.155	15.098	15.173	VV	4353	69406	0.82%	0.076%
217	15.199	15.173	15.275	VV	25792	355949	4.19%	0.390%
218	15.289	15.275	15.318	VV	138	2716	0.03%	0.003%
219	15.328	15.318	15.337	VV	116	918	0.01%	0.001%
220	15.366	15.337	15.385	PV	558	8804	0.10%	0.010%
221	15.401	15.385	15.418	VV	287	3903	0.05%	0.004%

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222	15.473	15.418	15.491	VV	147	5202	0.06%	0.006%
223	15.533	15.491	15.556	PV	664	1189		
224	15.584	15.556	15.608	VV	318	607		
225	15.629	15.608	15.638	VV	228	256		
226	15.720	15.638	15.762	VV	28371	38685		
227	15.794	15.762	15.815	VV	343	7161	0.08%	0.008%
228	15.953	15.815	15.971	VV	254	19558	0.23%	0.021%
229	16.043	15.971	16.065	VV	1466	30507	0.36%	0.033%
230	16.085	16.065	16.138	VV	900	22379	0.26%	0.025%
231	16.221	16.138	16.308	VV	33706	526818	6.21%	0.577%
232	16.318	16.308	16.335	VV	183	2354	0.03%	0.003%
233	16.532	16.335	16.555	PV	1206	37356	0.44%	0.041%
234	16.581	16.555	16.627	VV	1016	23132	0.27%	0.025%
235	16.704	16.627	16.758	VV	37903	512343	6.04%	0.562%
236	17.007	16.758	17.029	VV	2646	152557	1.80%	0.167%
237	17.052	17.029	17.075	VV	1889	42461	0.50%	0.047%
238	17.171	17.075	17.223	VV	36920	661440	7.79%	0.725%
239	17.461	17.223	17.481	VV	3468	323682	3.81%	0.355%
240	17.508	17.481	17.535	VV	3173	88471	1.04%	0.097%
241	17.621	17.535	17.678	VV	46845	853348	10.06%	0.935%
242	17.739	17.678	17.797	VV	3597	243690	2.87%	0.267%
243	17.903	17.797	17.928	VV	5207	303469	3.58%	0.333%
244	17.952	17.928	17.976	VV	4429	113407	1.34%	0.124%
245	18.059	17.976	18.098	VV	35343	766329	9.03%	0.840%
246	18.211	18.098	18.250	VV	5391	422457	4.98%	0.463%
247	18.332	18.250	18.350	VV	6161	309413	3.65%	0.339%
248	18.377	18.350	18.411	VV	6680	219017	2.58%	0.240%
249	18.481	18.411	18.521	VV	37600	832380	9.81%	0.912%
250	18.572	18.521	18.591	VV	7570	297209	3.50%	0.326%
251	18.745	18.591	18.765	VV	9949	837484	9.87%	0.918%
252	18.792	18.765	18.817	VV	9483	286602	3.38%	0.314%
253	18.891	18.817	18.935	VV	31982	1066829	12.57%	1.169%
254	19.046	18.935	19.065	VV	12680	928280	10.94%	1.017%
255	19.148	19.065	19.167	VV	14040	800173	9.43%	0.877%
256	19.205	19.167	19.235	VV	15233	581115	6.85%	0.637%
257	19.289	19.235	19.342	VV	32675	1211125	14.27%	1.327%
258	19.542	19.342	19.557	VV	21751	2422455	28.55%	2.655%
259	19.584	19.557	19.614	VV	22079	739442	8.71%	0.810%
260	19.674	19.614	19.708	VV	36783	1516893	17.87%	1.663%
261	19.961	19.708	19.981	VV	29567	4357277	51.35%	4.776%
262	20.049	19.981	20.088	VV	41555	2108263	24.84%	2.311%
263	20.414	20.088	20.450	VV	52530	8157371	96.12%	8.941%
264	20.503	20.450	20.534	VV	46495	2323912	27.38%	2.547%
265	20.553	20.534	20.578	VV	45908	1201948	14.16%	1.317%
266	20.772	20.578	20.853	VV	59452	8486258	100.00%	9.302%
267	20.947	20.853	21.085	VV	52583	6973270	82.17%	7.643%
268	21.152	21.085	21.181	VV	53004	2894348	34.11%	3.172%
269	21.209	21.181	21.225	VV	50174	1290776	15.21%	1.415%

Instrument :

FID_E

ClientSampleId :

CMC-EME-TOPSOIL-011

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :Ankita Jodhani 07/05/2023

Peak No.	Retention Time (min)	Area	Height	Integration	Area%	Height%
270	21.347	21.225	21.458	VV	51053	6879350
271	21.495	21.458	21.538	VV	47843	227729
272	21.582	21.538	21.697	VV	48292	436472
273	21.817	21.697	21.941	VV	47350	663894
274	22.056	21.941	22.164	VV	47462	591954
Sum of corrected areas:					91234050	

Instrument :
FID_E
ClientSampleId :
CMC-EME-TOPSOIL-011

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023

Aliphatic EPH 062123.M Wed Jul 05 02:19:21 2023