

rteres

Instrument :

FID_E

ClientSampleId :

MH-KKMSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE05062
Data File : FE053671.D
Signal(s) : FID1B.ch
Acq On : 06 May 2025 16:32
Sample : Q1951-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.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	2.850	2.804	2.888	BV	354	3344	0.02%	0.001%
2	2.909	2.888	2.960	PV	2703	31316	0.23%	0.012%
3	2.992	2.960	3.014	VV	370	6162	0.05%	0.002%
4	3.020	3.014	3.038	VV	197	1834	0.01%	0.001%
5	3.080	3.038	3.128	PV	268	6687	0.05%	0.003%
6	3.143	3.128	3.166	VV	126	2168	0.02%	0.001%
7	3.173	3.166	3.180	VV	132	764	0.01%	0.000%
8	3.212	3.180	3.313	VV	446309	4569966	34.16%	1.755%
9	3.328	3.313	3.344	VV	739	11905	0.09%	0.005%
10	3.354	3.344	3.368	VV	676	8539	0.06%	0.003%
11	3.382	3.368	3.398	VV	554	8742	0.07%	0.003%
12	3.420	3.398	3.441	VV	576	13002	0.10%	0.005%
13	3.455	3.441	3.484	VV	547	10232	0.08%	0.004%
14	3.493	3.484	3.507	VV	372	4137	0.03%	0.002%
15	3.526	3.507	3.538	VV	623	8203	0.06%	0.003%
16	3.550	3.538	3.571	VV	555	7684	0.06%	0.003%
17	3.587	3.571	3.598	VV	667	8086	0.06%	0.003%
18	3.607	3.598	3.641	VV	558	10856	0.08%	0.004%
19	3.662	3.641	3.684	VV	649	12045	0.09%	0.005%
20	3.701	3.684	3.738	VV	665	15172	0.11%	0.006%
21	3.743	3.738	3.781	VV	463	7804	0.06%	0.003%
22	3.803	3.781	3.876	VV	647	23059	0.17%	0.009%
23	3.901	3.876	3.971	VV	895	19480	0.15%	0.007%
24	4.009	3.971	4.028	VV	547	9982	0.07%	0.004%
25	4.051	4.028	4.100	VV	426	13705	0.10%	0.005%
26	4.119	4.100	4.170	VV	363	10428	0.08%	0.004%
27	4.197	4.170	4.225	VV	714	14255	0.11%	0.005%
28	4.242	4.225	4.350	VV	463	20193	0.15%	0.008%
29	4.363	4.350	4.431	VV	273	9413	0.07%	0.004%
30	4.474	4.431	4.490	VV	517017	5084709	38.01%	1.953%
31	4.507	4.490	4.565	VV	543436	5586956	41.76%	2.146%
32	4.582	4.565	4.606	VV	6014	84954	0.64%	0.033%
33	4.626	4.606	4.741	VV	8187	144973	1.08%	0.056%
34	4.757	4.741	4.801	VV	909	21982	0.16%	0.008%
35	4.833	4.801	4.869	VV	465	15863	0.12%	0.006%
36	4.908	4.869	4.923	VV	442	12943	0.10%	0.005%

					retention				
37	4.936	4.923	4.963	VV	473	8911	0.07%	0.003%	
38	4.980	4.963	5.044	VV	475	14182			
39	5.051	5.044	5.073	VV	281	3988			
40	5.083	5.073	5.110	VV	267	3898			
41	5.153	5.110	5.168	VV	316	7232			
42	5.186	5.168	5.210	VV	351	5910			
43	5.231	5.210	5.248	VV	222	4172	0.03%	0.002%	
44	5.263	5.248	5.276	VV	288	3468	0.03%	0.001%	
45	5.297	5.276	5.334	VV	220	5206	0.04%	0.002%	
46	5.351	5.334	5.363	VV	122	1424	0.01%	0.001%	
47	5.387	5.363	5.404	VV	132	2298	0.02%	0.001%	
48	5.432	5.404	5.444	VV	262	4531	0.03%	0.002%	
49	5.453	5.444	5.515	VV	283	7959	0.06%	0.003%	
50	5.527	5.515	5.578	VV	160	2839	0.02%	0.001%	
51	5.617	5.578	5.658	VV	1702	23103	0.17%	0.009%	
52	5.680	5.658	5.729	VV	600	17846	0.13%	0.007%	
53	5.738	5.729	5.778	VV	321	7957	0.06%	0.003%	
54	5.791	5.778	5.893	VV	283	11892	0.09%	0.005%	
55	5.914	5.893	5.955	VV	267	6731	0.05%	0.003%	
56	5.965	5.955	5.978	VV	207	1883	0.01%	0.001%	
57	5.988	5.978	6.041	VV	141	3545	0.03%	0.001%	
58	6.058	6.041	6.084	VV	116	1599	0.01%	0.001%	
59	6.095	6.084	6.127	PV	81	935	0.01%	0.000%	
60	6.184	6.127	6.351	VV	610080	6228000	46.56%	2.392%	
61	6.359	6.351	6.429	VV	1110	35802	0.27%	0.014%	
62	6.438	6.429	6.464	VV	641	11393	0.09%	0.004%	
63	6.495	6.464	6.511	VV	551	12500	0.09%	0.005%	
64	6.523	6.511	6.621	VV	490	26455	0.20%	0.010%	
65	6.653	6.621	6.738	VV	533623	5556636	41.54%	2.134%	
66	6.749	6.738	6.791	VV	949	25254	0.19%	0.010%	
67	6.805	6.791	6.825	VV	886	14170	0.11%	0.005%	
68	6.839	6.825	6.919	VV	635	19482	0.15%	0.007%	
69	6.945	6.919	6.961	VV	273	6058	0.05%	0.002%	
70	6.977	6.961	6.998	VV	289	4903	0.04%	0.002%	
71	7.014	6.998	7.038	VV	238	4043	0.03%	0.002%	
72	7.067	7.038	7.130	VV	416	11991	0.09%	0.005%	
73	7.157	7.130	7.171	VV	2481	35530	0.27%	0.014%	
74	7.189	7.171	7.246	VV	13323	173176	1.29%	0.067%	
75	7.286	7.246	7.407	VV	545762	5903225	44.13%	2.267%	
76	7.426	7.407	7.450	VV	2148	38551	0.29%	0.015%	
77	7.490	7.450	7.506	VV	2764	55283	0.41%	0.021%	
78	7.513	7.506	7.551	VV	1941	32223	0.24%	0.012%	
79	7.567	7.551	7.585	VV	1444	20761	0.16%	0.008%	
80	7.603	7.585	7.640	VV	1851	30187	0.23%	0.012%	
81	7.659	7.640	7.718	VV	735	23178	0.17%	0.009%	
82	7.730	7.718	7.750	VV	186	3380	0.03%	0.001%	
83	7.775	7.750	7.801	VV	936	13206	0.10%	0.005%	
84	7.818	7.801	7.864	VV	320	6108	0.05%	0.002%	
85	8.055	8.045	8.161	VV	1590	55465	0.41%	0.021%	
86	8.178	8.161	8.215	VV	1089	20903	0.16%	0.008%	
87	8.234	8.215	8.281	VV	616	14504	0.11%	0.006%	
88	8.305	8.281	8.338	VV	485	11354	0.08%	0.004%	
89	8.354	8.338	8.368	VV	426	6301	0.05%	0.002%	

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90	8.409	8.368	8.424	VV	512	13565	0.10%	0.005%
91	8.442	8.424	8.454	VV	477	7402		
92	8.490	8.454	8.557	VV	571465	6036252	45.96%	2.772%
93	8.592	8.557	8.764	VV	644417	6785159	50.63%	2.601%
94	8.893	8.861	9.013	VV	652550	6963670	52.06%	2.836%
95	9.026	9.013	9.094	VV	1257	35742		
96	9.101	9.094	9.121	VV	561	7538	0.06%	0.003%
97	9.137	9.121	9.157	VV	608	10597	0.08%	0.004%
98	9.179	9.157	9.200	VV	856	15198	0.11%	0.006%
99	9.222	9.200	9.294	VV	861	25541	0.19%	0.010%
100	9.317	9.294	9.425	VV	1468	30421	0.23%	0.012%
101	9.435	9.425	9.442	VV	80	818	0.01%	0.000%
102	9.465	9.442	9.482	VV	220	3126	0.02%	0.001%
103	9.502	9.482	9.541	VV	266	4334	0.03%	0.002%
104	9.555	9.541	9.568	VV	252	2859	0.02%	0.001%
105	9.577	9.568	9.588	VV	203	1884	0.01%	0.001%
106	9.617	9.588	9.651	VV	297	6171	0.05%	0.002%
107	9.686	9.651	9.818	VV	653927	7218776	53.96%	2.772%
108	9.836	9.818	9.858	VV	1170	21045	0.16%	0.008%
109	9.902	9.858	9.948	VV	8309	161135	1.20%	0.062%
110	9.970	9.948	10.068	VV	21223	343933	2.57%	0.132%
111	10.102	10.068	10.184	VV	574415	6543902	48.92%	2.513%
112	10.203	10.184	10.234	VV	699	14993	0.11%	0.006%
113	10.247	10.234	10.344	VV	355	11917	0.09%	0.005%
114	10.380	10.344	10.411	VV	290	5565	0.04%	0.002%
115	10.439	10.411	10.467	PV	336	6064	0.05%	0.002%
116	10.489	10.467	10.508	VV	391	6246	0.05%	0.002%
117	10.534	10.508	10.558	VV	481	10221	0.08%	0.004%
118	10.581	10.558	10.602	VV	473	8370	0.06%	0.003%
119	10.620	10.602	10.671	VV	379	7894	0.06%	0.003%
120	10.693	10.671	10.708	VV	274	3091	0.02%	0.001%
121	10.772	10.708	10.784	VV	351	9548	0.07%	0.004%
122	10.800	10.784	10.813	VV	426	6107	0.05%	0.002%
123	10.840	10.813	10.861	VV	1475	23772	0.18%	0.009%
124	10.887	10.861	11.008	VV	11293	213583	1.60%	0.082%
125	11.097	11.008	11.142	PV	635323	7121329	53.23%	2.735%
126	11.174	11.142	11.331	VV	608082	7199252	53.82%	2.765%
127	11.349	11.331	11.382	VV	1878	32949	0.25%	0.013%
128	11.410	11.382	11.462	VV	2844	63978	0.48%	0.025%
129	11.477	11.462	11.507	VV	878	17905	0.13%	0.007%
130	11.550	11.507	11.606	VV	595215	6773564	50.63%	2.601%
131	11.629	11.606	11.676	VV	1035	25585	0.19%	0.010%
132	11.703	11.676	11.724	VV	387	8550	0.06%	0.003%
133	11.741	11.724	11.774	VV	629	10642	0.08%	0.004%
134	11.788	11.774	11.821	VV	356	6340	0.05%	0.002%
135	11.864	11.821	11.928	VV	439292	4831808	36.12%	1.856%
136	11.939	11.928	11.960	VV	1172	18245	0.14%	0.007%
137	11.976	11.960	11.987	VV	756	11733	0.09%	0.005%
138	12.012	11.987	12.038	VV	1595	34328	0.26%	0.013%
139	12.053	12.038	12.068	VV	1078	15423	0.12%	0.006%
140	12.085	12.068	12.132	VV	1066	20188	0.15%	0.008%
141	12.163	12.132	12.182	PV	398	7520	0.06%	0.003%

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				rters				
142	12.219	12.182	12.253	VV	1166	24056	0.18%	0.009%
143	12.271	12.253	12.287	VV	445	6071		
144	12.308	12.287	12.358	VV	582	9790		
145	12.386	12.358	12.398	PV	176	2734		
146	12.412	12.398	12.421	VV	151	1650		
147	12.445	12.421	12.458	VV	226	3444		
148	12.500	12.458	12.531	VV	368	8990	0.07%	0.003%
149	12.580	12.531	12.617	VV	747	22394	0.17%	0.009%
150	12.694	12.617	12.744	VV	2238	58939	0.44%	0.023%
151	12.805	12.744	12.825	PV	1020	19063	0.14%	0.007%
152	12.865	12.825	12.893	VV	563520	6975008	52.14%	2.679%
153	12.926	12.893	13.042	VV	589202	7094317	53.03%	2.724%
154	13.061	13.042	13.083	VV	669	13315	0.10%	0.005%
155	13.110	13.083	13.158	VV	6685	89175	0.67%	0.034%
156	13.164	13.158	13.187	VV	405	4661	0.03%	0.002%
157	13.225	13.187	13.266	VV	581480	6882486	51.45%	2.643%
158	13.308	13.266	13.386	VV	300370	3833018	28.65%	1.472%
159	13.417	13.386	13.437	VV	924	22689	0.17%	0.009%
160	13.478	13.437	13.548	VV	543488	6681992	49.95%	2.566%
161	13.561	13.548	13.612	VV	555	13136	0.10%	0.005%
162	13.623	13.612	13.628	VV	275	1785	0.01%	0.001%
163	13.646	13.628	13.664	VV	280	4683	0.04%	0.002%
164	13.689	13.664	13.716	VV	562	10024	0.07%	0.004%
165	13.732	13.716	13.752	VV	163	2095	0.02%	0.001%
166	13.822	13.752	13.842	PV	1523	26480	0.20%	0.010%
167	13.853	13.842	13.868	VV	810	10378	0.08%	0.004%
168	13.904	13.868	13.914	VV	962	17617	0.13%	0.007%
169	13.927	13.914	13.949	VV	1081	16379	0.12%	0.006%
170	13.970	13.949	13.984	VV	650	10884	0.08%	0.004%
171	14.014	13.984	14.027	VV	1386	23767	0.18%	0.009%
172	14.066	14.027	14.123	VV	525230	6628588	49.55%	2.546%
173	14.134	14.123	14.154	VV	736	10963	0.08%	0.004%
174	14.184	14.154	14.207	VV	367	10108	0.08%	0.004%
175	14.238	14.207	14.255	VV	763	12785	0.10%	0.005%
176	14.264	14.255	14.282	VV	436	5549	0.04%	0.002%
177	14.303	14.282	14.321	VV	360	6300	0.05%	0.002%
178	14.340	14.321	14.388	VV	296	7943	0.06%	0.003%
179	14.472	14.388	14.481	PV	1599	39647	0.30%	0.015%
180	14.498	14.481	14.544	VV	1798	47237	0.35%	0.018%
181	14.563	14.544	14.601	VV	1135	27125	0.20%	0.010%
182	14.627	14.601	14.649	VV	2303	34344	0.26%	0.013%
183	14.685	14.649	14.714	VV	974	29363	0.22%	0.011%
184	14.738	14.714	14.772	VV	1096	21500	0.16%	0.008%
185	14.798	14.772	14.821	VV	1242	19277	0.14%	0.007%
186	14.851	14.821	14.900	VV	740	23663	0.18%	0.009%
187	14.913	14.900	14.935	VV	421	5443	0.04%	0.002%
188	15.026	14.935	15.050	PV	428	16655	0.12%	0.006%
189	15.113	15.050	15.133	VV	496775	6558903	49.03%	2.519%
190	15.161	15.133	15.254	VV	766632	13377604	100.00%	5.137%
191	15.269	15.254	15.398	VV	3707	151452	1.13%	0.058%
192	15.429	15.398	15.446	VV	908	23072	0.17%	0.009%
193	15.460	15.446	15.517	VV	734	22273	0.17%	0.009%
194	15.560	15.517	15.661	VV	13746	403144	3.01%	0.155%

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195	15.688	15.661	15.721	VV	3996	71478	0.53%	0.027%
196	15.755	15.721	15.778	VV	4804	77611		
197	15.791	15.778	15.809	VV	1303	21001		
198	15.823	15.809	15.857	VV	982	16444		
199	15.875	15.857	15.891	VV	347	5383		
200	15.949	15.891	16.000	VV	1118	37421		
201	16.032	16.000	16.056	VV	1698	29726	0.22%	0.011%
202	16.093	16.056	16.129	VV	1013	31481	0.24%	0.012%
203	16.196	16.129	16.239	VV	475876	6379768	47.69%	2.450%
204	16.255	16.239	16.338	VV	1612	35228	0.26%	0.014%
205	16.384	16.338	16.408	VV	791	20546	0.15%	0.008%
206	16.485	16.408	16.515	PV	1249	36977	0.28%	0.014%
207	16.584	16.515	16.627	VV	5314	145986	1.09%	0.056%
208	16.681	16.627	16.696	VV	437372	6608745	49.40%	2.538%
209	16.715	16.696	16.791	VV	522323	7101737	53.09%	2.727%
210	16.804	16.791	16.861	VV	5281	155320	1.16%	0.060%
211	16.877	16.861	16.908	VV	2234	52157	0.39%	0.020%
212	16.933	16.908	16.969	VV	3722	79486	0.59%	0.031%
213	16.999	16.969	17.024	VV	5286	94198	0.70%	0.036%
214	17.064	17.024	17.110	VV	463602	6446837	48.19%	2.476%
215	17.146	17.110	17.200	VV	456737	6598494	49.32%	2.534%
216	17.220	17.200	17.283	VV	9418	204616	1.53%	0.079%
217	17.307	17.283	17.348	VV	1878	57753	0.43%	0.022%
218	17.378	17.348	17.406	VV	1862	45611	0.34%	0.018%
219	17.462	17.406	17.491	VV	1475	58579	0.44%	0.022%
220	17.527	17.491	17.539	VV	5535	97864	0.73%	0.038%
221	17.549	17.539	17.569	VV	4986	81744	0.61%	0.031%
222	17.592	17.569	17.643	VV	8428	169229	1.27%	0.065%
223	17.664	17.643	17.680	VV	2198	37417	0.28%	0.014%
224	17.700	17.680	17.742	VV	2021	53952	0.40%	0.021%
225	17.767	17.742	17.814	VV	1116	28237	0.21%	0.011%
226	17.826	17.814	17.836	VV	441	3987	0.03%	0.002%
227	17.857	17.836	17.874	VV	553	7836	0.06%	0.003%
228	17.881	17.874	17.894	VV	374	2952	0.02%	0.001%
229	17.925	17.894	17.956	PV	5849	89235	0.67%	0.034%
230	18.038	17.956	18.096	VV	434213	6277824	46.93%	2.411%
231	18.125	18.096	18.147	VV	5187	94604	0.71%	0.036%
232	18.170	18.147	18.219	VV	5740	131651	0.98%	0.051%
233	18.228	18.219	18.247	VV	1304	19853	0.15%	0.008%
234	18.262	18.247	18.297	VV	1344	22104	0.17%	0.008%
235	18.355	18.297	18.380	PV	2979	72424	0.54%	0.028%
236	18.450	18.380	18.465	VV	435761	6887518	51.49%	2.645%
237	18.482	18.465	18.660	VV	459305	7882003	58.92%	3.027%
238	18.707	18.660	18.814	VV	454493	7381854	55.18%	2.835%
239	18.870	18.814	18.939	VV	411476	6325590	47.28%	2.429%
240	18.964	18.939	18.991	VV	8354	187002	1.40%	0.072%
241	19.011	18.991	19.034	VV	5393	114670	0.86%	0.044%
242	19.055	19.034	19.086	VV	6068	126714	0.95%	0.049%
243	19.140	19.086	19.158	VV	3122	108948	0.81%	0.042%
244	19.178	19.158	19.197	VV	3451	70834	0.53%	0.027%
245	19.266	19.197	19.337	VV	12192	581760	4.35%	0.223%
246	19.363	19.337	19.414	VV	4857	190370	1.42%	0.073%

Instrument :

FID_E

ClientSampleId :

MH-KKMSD

Manual IntegrationsAPPROVED

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rteres									
247	19.427	19.414	19.438	VV	3233	43431	0.32%	0.017%	
248	19.463	19.438	19.478	VV	4170	84076			
249	19.520	19.478	19.543	VV	4971	159299			
250	19.564	19.543	19.591	VV	3932	104604			
251	19.656	19.591	19.742	VV	378102	6299499	47.24%	2.566%	
252	19.764	19.742	19.827	VV	7126	293903	2.14%	0.110%	
253	19.878	19.827	19.889	VV	5488	187954	1.40%	0.072%	
254	19.937	19.889	19.966	VV	6931	277335	2.07%	0.107%	
255	19.995	19.966	20.046	VV	13643	433116	3.24%	0.166%	
256	20.066	20.046	20.128	VV	7668	320370	2.39%	0.123%	
257	20.177	20.128	20.207	VV	6719	286060	2.14%	0.110%	
258	20.292	20.207	20.311	VV	9166	492752	3.68%	0.189%	
259	20.328	20.311	20.344	VV	8811	171203	1.28%	0.066%	
260	20.397	20.344	20.508	VV	341646	6604586	49.37%	2.536%	
261	20.547	20.508	20.579	VV	15448	557835	4.17%	0.214%	
262	20.588	20.579	20.617	VV	10881	241406	1.80%	0.093%	
263	20.656	20.617	20.684	VV	10528	421152	3.15%	0.162%	
264	20.704	20.684	20.720	VV	10414	218187	1.63%	0.084%	
265	20.749	20.720	20.778	VV	12333	396455	2.96%	0.152%	
266	20.789	20.778	20.818	VV	11000	256592	1.92%	0.099%	
267	20.861	20.818	20.884	VV	10807	422457	3.16%	0.162%	
268	20.899	20.884	20.941	VV	10460	347282	2.60%	0.133%	
269	20.970	20.941	21.017	VV	9894	437573	3.27%	0.168%	
270	21.038	21.017	21.071	VV	9329	300917	2.25%	0.116%	
271	21.130	21.071	21.298	VV	270443	6682678	49.95%	2.566%	
272	21.307	21.298	21.337	VV	8515	195587	1.46%	0.075%	
273	21.360	21.337	21.374	VV	7899	175112	1.31%	0.067%	
274	21.386	21.374	21.431	VV	7636	251742	1.88%	0.097%	
275	21.441	21.431	21.459	VV	7154	116136	0.87%	0.045%	
276	21.469	21.459	21.497	VV	6928	153867	1.15%	0.059%	
277	21.546	21.497	21.633	VV	6979	493824	3.69%	0.190%	
278	21.762	21.633	21.789	VV	5109	462354	3.46%	0.178%	
279	21.797	21.789	21.805	VV	4856	46177	0.35%	0.018%	
280	21.824	21.805	21.831	VV	4680	72718	0.54%	0.028%	
281	21.843	21.831	21.964	VV	4570	306067	2.29%	0.118%	
282	22.035	21.964	22.448	VV	186412	6104876	45.64%	2.344%	
Sum of corrected areas:					260392744				

Instrument :

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Supervised By :mohammad ahmed 05/08/2025

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