

rteres

Instrument :

FID_E

ClientSampleId :

MH-KKMS

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 : FE053670.D
Signal(s) : FID1B.ch
Acq On : 06 May 2025 15:32
Sample : Q1951-01MS
Misc :
ALS Vial : 11 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	2.828	2.804	2.836	BV	70	339	0.00%	0.000%
2	2.853	2.836	2.886	VV	290	2183	0.02%	0.001%
3	2.909	2.886	2.958	PV	2641	30009	0.23%	0.012%
4	2.991	2.958	3.046	VV	310	7767	0.06%	0.003%
5	3.070	3.046	3.108	PV	234	3545	0.03%	0.001%
6	3.145	3.108	3.178	PV	115	2355	0.02%	0.001%
7	3.212	3.178	3.312	VV	429746	4443555	33.80%	1.769%
8	3.329	3.312	3.344	VV	701	11566	0.09%	0.005%
9	3.356	3.344	3.394	VV	732	15841	0.12%	0.006%
10	3.406	3.394	3.442	VV	572	13370	0.10%	0.005%
11	3.456	3.442	3.484	VV	446	8881	0.07%	0.004%
12	3.491	3.484	3.511	VV	283	3987	0.03%	0.002%
13	3.526	3.511	3.538	VV	577	6959	0.05%	0.003%
14	3.550	3.538	3.571	VV	528	6906	0.05%	0.003%
15	3.587	3.571	3.598	VV	585	7225	0.05%	0.003%
16	3.605	3.598	3.637	VV	573	9619	0.07%	0.004%
17	3.663	3.637	3.684	VV	641	11356	0.09%	0.005%
18	3.702	3.684	3.726	VV	616	10986	0.08%	0.004%
19	3.740	3.726	3.784	VV	411	8653	0.07%	0.003%
20	3.803	3.784	3.818	VV	593	9042	0.07%	0.004%
21	3.822	3.818	3.873	VV	610	11411	0.09%	0.005%
22	3.901	3.873	3.965	VV	795	17363	0.13%	0.007%
23	4.009	3.965	4.034	VV	576	11338	0.09%	0.005%
24	4.045	4.034	4.097	VV	398	10430	0.08%	0.004%
25	4.120	4.097	4.142	VV	329	6573	0.05%	0.003%
26	4.196	4.142	4.228	VV	678	16058	0.12%	0.006%
27	4.242	4.228	4.342	VV	402	16231	0.12%	0.006%
28	4.365	4.342	4.388	VV	233	5305	0.04%	0.002%
29	4.408	4.388	4.441	VV	229	5873	0.04%	0.002%
30	4.474	4.441	4.490	VV	497728	4937207	37.55%	1.965%
31	4.507	4.490	4.565	VV	529108	5424990	41.26%	2.159%
32	4.582	4.565	4.606	VV	5765	81901	0.62%	0.033%
33	4.626	4.606	4.744	VV	7801	142165	1.08%	0.057%
34	4.759	4.744	4.800	VV	891	21189	0.16%	0.008%
35	4.832	4.800	4.864	VV	487	15756	0.12%	0.006%
36	4.892	4.864	4.925	VV	456	14738	0.11%	0.006%

Project Summary							Client Feedback	
Project Details							MH-KKMS	
37	4.937	4.925	4.958	VV	492	7396	0.06%	0.003%
38	4.981	4.958	5.019	VV	519	12126	0.07%	0.004%
39	5.055	5.019	5.073	VV	332	7282	0.05%	0.002%
40	5.089	5.073	5.101	VV	234	3127	0.04%	0.001%
41	5.104	5.101	5.117	VV	202	1553	0.03%	0.001%
42	5.149	5.117	5.171	VV	316	7493	0.06%	0.002%
43	5.182	5.171	5.221	VV	297	6505	0.05%	0.003%
44	5.227	5.221	5.248	VV	198	2955	0.02%	0.001%
45	5.266	5.248	5.291	VV	253	5243	0.04%	0.002%
46	5.298	5.291	5.337	VV	173	3995	0.03%	0.002%
47	5.348	5.337	5.373	VV	133	1640	0.01%	0.001%
48	5.434	5.373	5.572	VV	306	19262	0.15%	0.008%
49	5.617	5.572	5.655	PV	1650	23536	0.18%	0.009%
50	5.680	5.655	5.775	VV	575	25916	0.20%	0.010%
51	5.800	5.775	5.832	VV	278	7840	0.06%	0.003%
52	5.846	5.832	5.855	VV	207	2384	0.02%	0.001%
53	5.877	5.855	5.891	VV	235	3598	0.03%	0.001%
54	5.921	5.891	5.984	VV	270	10269	0.08%	0.004%
55	6.007	5.984	6.037	VV	231	4035	0.03%	0.002%
56	6.046	6.037	6.079	VV	133	2343	0.02%	0.001%
57	6.097	6.079	6.124	VV	165	1709	0.01%	0.001%
58	6.184	6.124	6.342	PV	577592	6035669	45.91%	2.402%
59	6.358	6.342	6.478	VV	1078	56073	0.43%	0.022%
60	6.492	6.478	6.507	VV	497	8444	0.06%	0.003%
61	6.524	6.507	6.618	VV	503	27991	0.21%	0.011%
62	6.652	6.618	6.738	VV	513466	5399712	41.07%	2.149%
63	6.749	6.738	6.786	VV	984	24101	0.18%	0.010%
64	6.805	6.786	6.928	VV	826	37088	0.28%	0.015%
65	6.943	6.928	6.960	VV	285	4831	0.04%	0.002%
66	6.977	6.960	7.034	VV	296	9742	0.07%	0.004%
67	7.066	7.034	7.123	VV	460	12418	0.09%	0.005%
68	7.190	7.123	7.243	VV	12700	202687	1.54%	0.081%
69	7.285	7.243	7.408	VV	533570	5726592	43.56%	2.279%
70	7.426	7.408	7.451	VV	2104	38183	0.29%	0.015%
71	7.490	7.451	7.548	VV	2597	83374	0.63%	0.033%
72	7.566	7.548	7.588	VV	1445	23882	0.18%	0.010%
73	7.603	7.588	7.638	VV	1788	28500	0.22%	0.011%
74	7.661	7.638	7.750	VV	722	26793	0.20%	0.011%
75	7.775	7.750	7.804	VV	834	12609	0.10%	0.005%
76	7.826	7.804	7.853	VV	268	4352	0.03%	0.002%
77	8.178	8.153	8.206	VV	1091	20495	0.16%	0.008%
78	8.233	8.206	8.271	VV	622	15463	0.12%	0.006%
79	8.306	8.271	8.338	VV	460	11900	0.09%	0.005%
80	8.407	8.338	8.424	VV	448	17780	0.14%	0.007%
81	8.490	8.424	8.558	VV	557139	5864751	44.61%	2.334%
82	8.592	8.558	8.761	VV	624574	6576279	50.02%	2.618%
83	8.893	8.864	9.117	VV	648686	6788297	51.63%	2.702%
84	9.136	9.117	9.157	VV	576	11641	0.09%	0.005%
85	9.180	9.157	9.204	VV	772	16142	0.12%	0.006%
86	9.222	9.204	9.291	VV	867	23881	0.18%	0.010%
87	9.318	9.291	9.434	VV	1349	28042	0.21%	0.011%
88	9.463	9.434	9.483	VV	148	2402	0.02%	0.001%
89	9.505	9.483	9.531	VV	228	3119	0.02%	0.001%

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90	9.557	9.531	9.591	PV	227	4445	0.03%	0.002%
91	9.614	9.591	9.641	VV	252	4209		
92	9.685	9.641	9.816	VV	631689	6992685	53.05%	2.776%
93	9.835	9.816	9.854	VV	1102	19451		
94	9.902	9.854	9.944	VV	7967	153539		
95	9.970	9.944	10.064	VV	20223	331491		
96	10.101	10.064	10.188	VV	571923	6343233	48.25%	2.525%
97	10.201	10.188	10.348	VV	574	22557	0.17%	0.009%
98	10.381	10.348	10.408	VV	286	3982	0.03%	0.002%
99	10.440	10.408	10.468	PV	324	5005	0.04%	0.002%
100	10.489	10.468	10.514	VV	356	5644	0.04%	0.002%
101	10.535	10.514	10.558	VV	402	8040	0.06%	0.003%
102	10.581	10.558	10.601	VV	472	7942	0.06%	0.003%
103	10.620	10.601	10.671	VV	335	6933	0.05%	0.003%
104	10.690	10.671	10.714	PV	195	2996	0.02%	0.001%
105	10.840	10.714	10.861	VV	1402	34761	0.26%	0.014%
106	10.888	10.861	11.011	VV	10673	204225	1.55%	0.081%
107	11.097	11.011	11.144	VV	627324	6908250	52.55%	2.750%
108	11.173	11.144	11.328	VV	603435	6975096	53.05%	2.776%
109	11.350	11.328	11.381	VV	1828	32709	0.25%	0.013%
110	11.411	11.381	11.464	VV	2551	61919	0.47%	0.025%
111	11.477	11.464	11.505	VV	835	15821	0.12%	0.006%
112	11.550	11.505	11.606	VV	555507	6561531	49.91%	2.612%
113	11.629	11.606	11.678	VV	983	23622	0.18%	0.009%
114	11.702	11.678	11.719	VV	381	6705	0.05%	0.003%
115	11.742	11.719	11.770	VV	548	10647	0.08%	0.004%
116	11.791	11.770	11.824	VV	316	6991	0.05%	0.003%
117	11.863	11.824	11.924	VV	416308	4696163	35.72%	1.869%
118	11.940	11.924	11.984	VV	1183	29664	0.23%	0.012%
119	12.012	11.984	12.071	VV	1612	51675	0.39%	0.021%
120	12.084	12.071	12.134	VV	1080	18771	0.14%	0.007%
121	12.218	12.134	12.249	VV	1188	32755	0.25%	0.013%
122	12.271	12.249	12.286	VV	416	7654	0.06%	0.003%
123	12.308	12.286	12.357	VV	635	13036	0.10%	0.005%
124	12.381	12.357	12.411	PV	320	6496	0.05%	0.003%
125	12.501	12.411	12.521	VV	331	16610	0.13%	0.007%
126	12.581	12.521	12.618	VV	788	24935	0.19%	0.010%
127	12.694	12.618	12.748	VV	2186	60361	0.46%	0.024%
128	12.805	12.748	12.824	VV	1097	20350	0.15%	0.008%
129	12.864	12.824	12.893	VV	567030	6761717	51.43%	2.691%
130	12.925	12.893	13.043	VV	581727	6898006	52.47%	2.746%
131	13.058	13.043	13.084	VV	714	14024	0.11%	0.006%
132	13.110	13.084	13.188	VV	6330	92671	0.70%	0.037%
133	13.224	13.188	13.266	VV	558460	6696047	50.93%	2.665%
134	13.307	13.266	13.391	VV	299735	3726208	28.34%	1.483%
135	13.409	13.391	13.441	VV	952	22662	0.17%	0.009%
136	13.477	13.441	13.611	VV	528538	6490857	49.37%	2.584%
137	13.641	13.611	13.668	VV	215	5917	0.05%	0.002%
138	13.689	13.668	13.764	VV	570	12090	0.09%	0.005%
139	13.822	13.764	13.874	VV	1380	35884	0.27%	0.014%
140	13.927	13.874	13.952	VV	1110	31267	0.24%	0.012%
141	14.065	13.952	14.164	VV	508186	6476339	49.26%	2.578%

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142	14.183	14.164	14.208	VV	383	7906	0.06%	0.003%
143	14.237	14.208	14.291	VV	760	18532	0.06%	0.003%
144	14.304	14.291	14.384	VV	363	11771	0.06%	0.003%
145	14.495	14.384	14.539	PV	1766	79328	0.06%	0.003%
146	14.565	14.539	14.599	VV	1136	27637	0.06%	0.003%
147	14.627	14.599	14.649	VV	2243	33109	0.06%	0.003%
148	14.681	14.649	14.709	VV	931	25786	0.20%	0.010%
149	14.739	14.709	14.770	VV	958	20040	0.15%	0.008%
150	14.797	14.770	14.822	VV	1100	17707	0.13%	0.007%
151	14.855	14.822	14.944	VV	648	25140	0.19%	0.010%
152	15.034	14.944	15.054	PV	312	12770	0.10%	0.005%
153	15.112	15.054	15.133	VV	483368	6390035	48.60%	2.543%
154	15.163	15.133	15.396	VV	715048	13147011	100.00%	5.233%
155	15.434	15.396	15.518	VV	901	45842	0.35%	0.018%
156	15.562	15.518	15.664	VV	12610	384410	2.92%	0.153%
157	15.688	15.664	15.722	VV	3750	68862	0.52%	0.027%
158	15.755	15.722	15.855	VV	4807	112725	0.86%	0.045%
159	15.948	15.855	15.998	VV	1170	43312	0.33%	0.017%
160	16.031	15.998	16.061	VV	1714	31175	0.24%	0.012%
161	16.103	16.061	16.122	VV	863	25586	0.19%	0.010%
162	16.195	16.122	16.341	VV	459172	6235492	47.43%	2.482%
163	16.378	16.341	16.414	PV	848	18759	0.14%	0.007%
164	16.484	16.414	16.518	PV	1181	32435	0.25%	0.013%
165	16.585	16.518	16.631	VV	4770	134739	1.02%	0.054%
166	16.679	16.631	16.696	VV	416811	6433131	48.93%	2.561%
167	16.714	16.696	16.911	VV	513461	7128801	54.22%	2.838%
168	16.933	16.911	16.974	VV	3545	78998	0.60%	0.031%
169	16.999	16.974	17.024	VV	4985	84675	0.64%	0.034%
170	17.063	17.024	17.111	VV	443657	6283358	47.79%	2.501%
171	17.146	17.111	17.199	VV	433621	6406062	48.73%	2.550%
172	17.221	17.199	17.288	VV	8887	202264	1.54%	0.081%
173	17.312	17.288	17.351	VV	1739	53695	0.41%	0.021%
174	17.377	17.351	17.404	VV	1754	40752	0.31%	0.016%
175	17.454	17.404	17.488	VV	1289	53748	0.41%	0.021%
176	17.535	17.488	17.570	VV	4869	167920	1.28%	0.067%
177	17.593	17.570	17.641	VV	7943	163682	1.25%	0.065%
178	17.663	17.641	17.682	VV	2236	40731	0.31%	0.016%
179	17.701	17.682	17.748	VV	1830	51723	0.39%	0.021%
180	17.764	17.748	17.841	VV	1093	33103	0.25%	0.013%
181	17.874	17.841	17.891	VV	393	8805	0.07%	0.004%
182	17.925	17.891	17.957	PV	5579	87081	0.66%	0.035%
183	18.037	17.957	18.097	VV	413902	6103943	46.43%	2.430%
184	18.126	18.097	18.146	VV	4689	85493	0.65%	0.034%
185	18.169	18.146	18.239	VV	5584	140993	1.07%	0.056%
186	18.261	18.239	18.297	VV	1319	27822	0.21%	0.011%
187	18.354	18.297	18.384	VV	2709	71400	0.54%	0.028%
188	18.449	18.384	18.464	VV	405162	6687708	50.87%	2.662%
189	18.480	18.464	18.653	VV	443300	7629943	58.04%	3.037%
190	18.705	18.653	18.812	VV	426020	7197397	54.75%	2.865%
191	18.869	18.812	18.941	VV	399300	6144815	46.74%	2.446%
192	18.964	18.941	18.991	VV	7784	171473	1.30%	0.068%
193	19.011	18.991	19.034	VV	5311	111747	0.85%	0.044%
194	19.055	19.034	19.085	VV	5704	118319	0.90%	0.047%

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195	19.138	19.085	19.158	VV	2968	102376	0.78%	0.041%
196	19.176	19.158	19.198	VV	3332	65079		
197	19.267	19.198	19.334	VV	10506	523905		
198	19.360	19.334	19.438	VV	4620	220338		
199	19.461	19.438	19.481	VV	3570	80319		
200	19.519	19.481	19.545	VV	4636	143179		
201	19.561	19.545	19.608	VV	3578	121170	0.92%	0.048%
202	19.654	19.608	19.741	VV	372284	6056792	46.07%	2.411%
203	19.761	19.741	19.838	VV	6563	299825	2.28%	0.119%
204	19.876	19.838	19.894	VV	4842	154270	1.17%	0.061%
205	19.937	19.894	19.962	VV	6448	224465	1.71%	0.089%
206	19.994	19.962	20.043	VV	12755	401271	3.05%	0.160%
207	20.062	20.043	20.138	VV	6888	317335	2.41%	0.126%
208	20.177	20.138	20.208	VV	5834	226360	1.72%	0.090%
209	20.288	20.208	20.311	VV	7852	424804	3.23%	0.169%
210	20.324	20.311	20.348	VV	7693	156774	1.19%	0.062%
211	20.396	20.348	20.504	VV	331676	6134184	46.66%	2.442%
212	20.546	20.504	20.578	VV	13552	478490	3.64%	0.190%
213	20.593	20.578	20.613	VV	9371	193908	1.47%	0.077%
214	20.680	20.613	20.707	VV	9206	510296	3.88%	0.203%
215	20.750	20.707	20.824	VV	10418	659675	5.02%	0.263%
216	20.870	20.824	20.888	VV	9370	344678	2.62%	0.137%
217	20.903	20.888	21.005	VV	9065	607744	4.62%	0.242%
218	21.025	21.005	21.078	VV	8113	344614	2.62%	0.137%
219	21.130	21.078	21.333	VV	259108	6463086	49.16%	2.573%
220	21.354	21.333	21.382	VV	6876	198097	1.51%	0.079%
221	21.398	21.382	21.511	VV	6510	467605	3.56%	0.186%
222	21.541	21.511	21.636	VV	6214	384563	2.93%	0.153%
223	21.665	21.636	21.690	VV	4130	128876	0.98%	0.051%
224	21.750	21.690	21.771	VV	3995	191754	1.46%	0.076%
225	21.799	21.771	21.868	VV	3900	209983	1.60%	0.084%
226	21.887	21.868	21.956	VV	3300	155080	1.18%	0.062%
227	22.034	21.956	22.444	VV	174296	5830375	44.35%	2.321%
Sum of corrected areas:					251233664			

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Aliphatic EPH 041725.M Wed May 07 05:33:15 2025