

rteres

Instrument :

FID_E

ClientSampleId :

MH-CMSD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06172
Data File : FE054463.D
Signal(s) : FID1B.ch
Acq On : 18 Jun 2025 01:34
Sample : Q2339-01MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.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	2.875	2.821	2.932	BV	1766	21698	0.15%	0.009%
2	2.941	2.932	2.985	PV	146	2011	0.01%	0.001%
3	3.016	2.985	3.101	PV	1144	23552	0.16%	0.010%
4	3.108	3.101	3.121	VV	48	479	0.00%	0.000%
5	3.127	3.121	3.143	VV	104	984	0.01%	0.000%
6	3.176	3.143	3.304	PV	368759	3918494	26.84%	1.599%
7	3.314	3.304	3.343	VV	740	14587	0.10%	0.006%
8	3.368	3.343	3.443	VV	14309	172435	1.18%	0.070%
9	3.490	3.443	3.504	VV	444	11083	0.08%	0.005%
10	3.526	3.504	3.561	VV	394	9745	0.07%	0.004%
11	3.584	3.561	3.611	VV	558	9035	0.06%	0.004%
12	3.629	3.611	3.643	VV	699	8636	0.06%	0.004%
13	3.665	3.643	3.758	VV	9273	132947	0.91%	0.054%
14	3.785	3.758	3.837	VV	5596	87361	0.60%	0.036%
15	3.860	3.837	3.999	VV	31372	394406	2.70%	0.161%
16	4.009	3.999	4.052	VV	387	8652	0.06%	0.004%
17	4.065	4.052	4.144	VV	179	7056	0.05%	0.003%
18	4.178	4.144	4.200	VV	1634	27409	0.19%	0.011%
19	4.214	4.200	4.291	VV	1139	24995	0.17%	0.010%
20	4.311	4.291	4.401	VV	560	10619	0.07%	0.004%
21	4.439	4.401	4.455	VV	434428	4261006	29.18%	1.739%
22	4.472	4.455	4.533	VV	463330	5019094	34.38%	2.049%
23	4.549	4.533	4.575	VV	5470	96837	0.66%	0.040%
24	4.594	4.575	4.702	VV	5960	144401	0.99%	0.059%
25	4.721	4.702	4.890	VV	820	58815	0.40%	0.024%
26	4.903	4.890	4.985	VV	391	17064	0.12%	0.007%
27	4.994	4.985	5.061	VV	205	7430	0.05%	0.003%
28	5.067	5.061	5.091	VV	180	2349	0.02%	0.001%
29	5.105	5.091	5.149	VV	309	7348	0.05%	0.003%
30	5.171	5.149	5.231	VV	254	8490	0.06%	0.003%
31	5.256	5.231	5.318	VV	175	4471	0.03%	0.002%
32	5.328	5.318	5.335	VV	58	283	0.00%	0.000%
33	5.344	5.335	5.371	PV	103	1100	0.01%	0.000%
34	5.419	5.371	5.431	VV	194	3765	0.03%	0.002%
35	5.444	5.431	5.563	VV	173	6610	0.05%	0.003%
36	5.585	5.563	5.612	PV	874	11162	0.08%	0.005%

					retention				
37	5.621	5.612	5.647	VV	119	1552	0.01%	0.001%	
38	5.658	5.647	5.686	VV	63	1110			
39	5.755	5.686	5.807	VV	180	8369			
40	5.835	5.807	5.909	VV	291	10730			
41	5.918	5.909	5.964	VV	186	4329			
42	5.976	5.964	6.022	VV	155	3590			
43	6.031	6.022	6.088	VV	104	2927	0.02%	0.001%	
44	6.096	6.088	6.125	PV	106	1641	0.01%	0.001%	
45	6.152	6.125	6.314	VV	459491	5489029	37.59%	2.240%	
46	6.329	6.314	6.574	VV	2446	167465	1.15%	0.068%	
47	6.619	6.574	6.752	VV	439569	4701639	32.20%	1.919%	
48	6.772	6.752	6.891	VV	888	48162	0.33%	0.020%	
49	6.901	6.891	6.928	VV	399	7317	0.05%	0.003%	
50	6.946	6.928	7.005	VV	332	11609	0.08%	0.005%	
51	7.028	7.005	7.070	VV	232	6771	0.05%	0.003%	
52	7.084	7.070	7.127	VV	226	4981	0.03%	0.002%	
53	7.162	7.127	7.221	VV	7254	125997	0.86%	0.051%	
54	7.254	7.221	7.385	VV	432678	5263093	36.05%	2.148%	
55	7.397	7.385	7.435	VV	3113	72863	0.50%	0.030%	
56	7.463	7.435	7.520	VV	2449	94389	0.65%	0.039%	
57	7.537	7.520	7.553	VV	1471	25550	0.17%	0.010%	
58	7.569	7.553	7.609	VV	1738	36070	0.25%	0.015%	
59	7.644	7.609	7.692	VV	778	28404	0.19%	0.012%	
60	7.702	7.692	7.717	VV	301	3749	0.03%	0.002%	
61	7.743	7.717	7.831	VV	628	16858	0.12%	0.007%	
62	8.144	8.118	8.183	VV	1848	40705	0.28%	0.017%	
63	8.202	8.183	8.288	VV	1085	32877	0.23%	0.013%	
64	8.302	8.288	8.328	VV	346	7281	0.05%	0.003%	
65	8.357	8.328	8.394	VV	490	13431	0.09%	0.005%	
66	8.455	8.394	8.531	VV	459610	4942099	33.85%	2.017%	
67	8.559	8.531	8.736	VV	527902	5954865	40.78%	2.430%	
68	8.860	8.830	9.066	VV	543972	6321553	43.30%	2.580%	
69	9.081	9.066	9.148	VV	1346	51705	0.35%	0.021%	
70	9.194	9.148	9.256	VV	1123	52420	0.36%	0.021%	
71	9.284	9.256	9.396	VV	1334	37365	0.26%	0.015%	
72	9.405	9.396	9.425	VV	168	2237	0.02%	0.001%	
73	9.441	9.425	9.451	VV	133	1562	0.01%	0.001%	
74	9.468	9.451	9.501	VV	206	2876	0.02%	0.001%	
75	9.582	9.501	9.598	VV	172	3477	0.02%	0.001%	
76	9.653	9.598	9.823	PV	508738	6200845	42.47%	2.531%	
77	9.876	9.823	9.925	VV	5062	152006	1.04%	0.062%	
78	9.950	9.925	10.027	VV	11742	298553	2.04%	0.122%	
79	10.066	10.027	10.341	VV	470016	5510865	37.74%	2.249%	
80	10.410	10.341	10.515	VV	653	29405	0.20%	0.012%	
81	10.542	10.515	10.581	VV	232	6554	0.04%	0.003%	
82	10.595	10.581	10.644	VV	165	3663	0.03%	0.001%	
83	10.689	10.644	10.711	PV	314	6075	0.04%	0.002%	
84	10.734	10.711	10.755	VV	355	6296	0.04%	0.003%	
85	10.807	10.755	10.848	VV	884	18922	0.13%	0.008%	
86	10.886	10.848	11.008	VV	2469	69233	0.47%	0.028%	
87	11.064	11.008	11.118	PV	520163	6165904	42.23%	2.517%	
88	11.143	11.118	11.298	VV	476411	6424426	44.00%	2.622%	
89	11.312	11.298	11.402	VV	2695	83709	0.57%	0.034%	

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90	11.442	11.402	11.475	VV	1481	45336	0.31%	0.019%
91	11.513	11.475	11.644	VV	503503	5803038	39.61%	2.599%
92	11.666	11.644	11.691	VV	552	11487	0.03%	0.002%
93	11.705	11.691	11.785	VV	413	13322	0.03%	0.002%
94	11.827	11.785	11.931	VV	499202	5748891	39.62%	2.361%
95	11.964	11.931	12.101	VV	1192	72883	0.04%	0.002%
96	12.119	12.101	12.141	VV	433	6459	0.04%	0.003%
97	12.184	12.141	12.217	VV	1007	20894	0.14%	0.009%
98	12.237	12.217	12.258	VV	334	6224	0.04%	0.003%
99	12.276	12.258	12.308	VV	425	7879	0.05%	0.003%
100	12.327	12.308	12.357	VV	202	3488	0.02%	0.001%
101	12.385	12.357	12.425	PV	357	8792	0.06%	0.004%
102	12.458	12.425	12.484	VV	593	12870	0.09%	0.005%
103	12.527	12.484	12.595	VV	544	25267	0.17%	0.010%
104	12.647	12.595	12.721	VV	1627	33745	0.23%	0.014%
105	12.827	12.721	12.860	VV	502330	6042779	41.39%	2.466%
106	12.893	12.860	13.061	VV	513870	6366874	43.61%	2.599%
107	13.085	13.061	13.158	VV	4121	91483	0.63%	0.037%
108	13.192	13.158	13.237	VV	509404	6241053	42.74%	2.547%
109	13.271	13.237	13.401	VV	372959	4845241	33.18%	1.978%
110	13.440	13.401	13.624	VV	474044	5844859	40.03%	2.386%
111	13.658	13.624	13.763	VV	1381	44953	0.31%	0.018%
112	13.818	13.763	13.839	VV	656	15052	0.10%	0.006%
113	13.866	13.839	13.905	VV	1034	18733	0.13%	0.008%
114	14.027	13.905	14.128	VV	465853	5784963	39.62%	2.361%
115	14.148	14.128	14.185	VV	253	5546	0.04%	0.002%
116	14.209	14.185	14.274	VV	746	14025	0.10%	0.006%
117	14.293	14.274	14.341	VV	236	4044	0.03%	0.002%
118	14.388	14.341	14.411	PV	262	3765	0.03%	0.002%
119	14.462	14.411	14.568	VV	1208	44220	0.30%	0.018%
120	14.655	14.568	14.811	PV	41815	948189	6.49%	0.387%
121	14.833	14.811	14.865	VV	846	24621	0.17%	0.010%
122	14.877	14.865	14.943	VV	753	18294	0.13%	0.007%
123	14.977	14.943	15.041	VV	334	10954	0.08%	0.004%
124	15.083	15.041	15.103	PV	483653	6061029	41.51%	2.474%
125	15.129	15.103	15.441	VV	844768	12465104	85.37%	5.088%
126	15.454	15.441	15.481	VV	235	5328	0.04%	0.002%
127	15.542	15.481	15.628	VV	7124	270248	1.85%	0.110%
128	15.651	15.628	15.688	VV	2598	52426	0.36%	0.021%
129	15.714	15.688	15.751	VV	2251	35186	0.24%	0.014%
130	15.778	15.751	15.805	VV	324	6500	0.04%	0.003%
131	15.898	15.805	15.924	VV	163	5755	0.04%	0.002%
132	15.970	15.924	15.991	PV	120	3595	0.02%	0.001%
133	16.157	15.991	16.258	PV	435933	5569362	38.14%	2.273%
134	16.283	16.258	16.308	VV	176	2730	0.02%	0.001%
135	16.355	16.308	16.391	PV	371	9653	0.07%	0.004%
136	16.445	16.391	16.520	VV	522	14442	0.10%	0.006%
137	16.654	16.520	16.670	PV	455676	6549047	44.85%	2.673%
138	16.686	16.670	16.898	VV	562599	7369466	50.47%	3.008%
139	16.924	16.898	16.968	VV	2296	45555	0.31%	0.019%
140	17.038	16.968	17.078	VV	461834	6639769	45.48%	2.710%
141	17.107	17.078	17.305	VV	403833	5871701	40.22%	2.396%

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Chromatogram Data Table									
Peak No.	Retention Time (min)	Area	Height	Width	Volume	Conc. (ppm)	Conc. (%)	Conc. (mg/L)	Conc. (mg/g)
142	17.340	17.305	17.375	VV	370	9553	0.07%	0.004%	
143	17.555	17.375	17.591	PV	3586	69488			
144	17.655	17.591	17.691	VV	534	19473			
145	17.886	17.691	17.918	PV	4251	60727			
146	17.998	17.918	18.065	PV	388945	5546470	37.00%	0.004%	
147	18.087	18.065	18.104	VV	998	14634			
148	18.130	18.104	18.201	VV	2194	44376	0.30%	0.018%	
149	18.319	18.201	18.348	PV	1281	17099	0.12%	0.007%	
150	18.456	18.348	18.645	PV	481359	14600728	100.00%	5.959%	
151	18.682	18.645	18.791	VV	323332	6423873	44.00%	2.622%	
152	18.830	18.791	18.898	VV	387354	5880725	40.28%	2.400%	
153	18.921	18.898	18.948	VV	3597	87650	0.60%	0.036%	
154	18.972	18.948	19.028	VV	2226	68273	0.47%	0.028%	
155	19.225	19.028	19.295	VV	6496	161921	1.11%	0.066%	
156	19.321	19.295	19.341	VV	588	10626	0.07%	0.004%	
157	19.422	19.341	19.441	VV	718	11009	0.08%	0.004%	
158	19.616	19.441	19.692	PV	378091	5827974	39.92%	2.379%	
159	19.729	19.692	19.810	VV	5997	278683	1.91%	0.114%	
160	19.987	19.810	20.018	VV	7225	484932	3.32%	0.198%	
161	20.263	20.018	20.295	VV	10842	1085105	7.43%	0.443%	
162	20.356	20.295	20.435	VV	377355	6594452	45.17%	2.691%	
163	20.505	20.435	20.537	VV	17061	843146	5.77%	0.344%	
164	20.710	20.537	20.735	VV	18781	1773520	12.15%	0.724%	
165	21.084	20.735	21.305	VV	333353	11476557	78.60%	4.684%	
166	21.396	21.305	21.453	VV	14680	1285345	8.80%	0.525%	
167	21.493	21.453	21.535	VV	14456	659955	4.52%	0.269%	
168	21.611	21.535	21.668	VV	11687	933430	6.39%	0.381%	
169	21.731	21.668	21.748	VV	10470	504340	3.45%	0.206%	
170	21.973	21.748	22.130	VV	225803	7399859	50.68%	3.020%	
171	22.168	22.130	22.421	VV	5757	555898	3.81%	0.227%	
Sum of corrected areas:					245012448				

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Aliphatic EPH 061025.M Wed Jun 18 02:51:18 2025