

rteres

Instrument :

FID_E

ClientSampleId :

HR-04-06042025DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06112
Data File : FE054276.D
Signal(s) : FID1B.ch
Acq On : 10 Jun 2025 09:16
Sample : Q2223-03DL 10X
Misc :
ALS Vial : 8 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	4.444	4.411	4.466	PV	1073	9913	0.36%	0.008%
2	4.477	4.466	4.497	PV	154	778	0.03%	0.001%
3	4.516	4.497	4.543	PV	309	370	0.01%	0.000%
4	4.566	4.543	4.595	PV	208	-2359	-0.09%	-0.002%
5	4.620	4.595	4.635	PV	256	984	0.04%	0.001%
6	4.653	4.635	4.684	VV	431	6836	0.25%	0.006%
7	4.696	4.684	4.711	VV	200	618	0.02%	0.001%
8	4.729	4.711	4.765	PV	1629	23737	0.87%	0.020%
9	4.785	4.765	4.794	VV	888	10586	0.39%	0.009%
10	4.805	4.794	4.825	VV	953	10300	0.38%	0.009%
11	4.868	4.825	4.895	PV	974	26449	0.97%	0.022%
12	4.908	4.895	4.924	VV	1079	12658	0.46%	0.011%
13	4.951	4.924	4.995	VV	3942	55064	2.02%	0.046%
14	5.027	4.995	5.044	VV	1052	14303	0.52%	0.012%
15	5.060	5.044	5.086	VV	787	10316	0.38%	0.009%
16	5.125	5.086	5.139	VV	1517	19537	0.72%	0.016%
17	5.156	5.139	5.180	VV	1893	26602	0.97%	0.022%
18	5.201	5.180	5.214	VV	2174	26784	0.98%	0.022%
19	5.237	5.214	5.252	VV	1703	33022	1.21%	0.028%
20	5.267	5.252	5.302	VV	2460	37504	1.37%	0.031%
21	5.365	5.302	5.377	VV	1881	35179	1.29%	0.029%
22	5.388	5.377	5.404	VV	1650	21247	0.78%	0.018%
23	5.427	5.404	5.448	VV	2569	48996	1.80%	0.041%
24	5.463	5.448	5.499	VV	3527	64481	2.36%	0.054%
25	5.525	5.499	5.540	VV	2140	38806	1.42%	0.032%
26	5.551	5.540	5.566	VV	1434	15594	0.57%	0.013%
27	5.593	5.566	5.691	VV	13123	247011	9.05%	0.206%
28	5.714	5.691	5.728	VV	1439	24906	0.91%	0.021%
29	5.765	5.728	5.781	VV	6391	93690	3.43%	0.078%
30	5.790	5.781	5.806	VV	3284	40231	1.47%	0.034%
31	5.815	5.806	5.831	VV	2419	31597	1.16%	0.026%
32	5.851	5.831	5.864	VV	3809	51098	1.87%	0.043%
33	5.893	5.864	5.929	VV	7591	192983	7.07%	0.161%
34	5.980	5.929	6.009	VV	5564	179303	6.57%	0.150%
35	6.018	6.009	6.051	VV	3468	71091	2.60%	0.059%
36	6.069	6.051	6.086	VV	5831	82176	3.01%	0.069%

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37	6.121	6.086	6.141	VV	6002	137462	5.04%	0.115%
38	6.150	6.141	6.160	VV	3623	38150		
39	6.215	6.160	6.239	VV	5801	221035		
40	6.267	6.239	6.284	VV	6143	114940		
41	6.307	6.284	6.319	VV	7791	125138		
42	6.335	6.319	6.373	VV	8430	210696		
43	6.392	6.373	6.424	VV	7410	175111	6.42%	0.146%
44	6.442	6.424	6.475	VV	8457	192380	7.05%	0.161%
45	6.496	6.475	6.521	VV	6092	141930	5.20%	0.119%
46	6.547	6.521	6.603	VV	10534	330475	12.11%	0.276%
47	6.626	6.603	6.673	VV	23477	421405	15.44%	0.352%
48	6.712	6.673	6.726	VV	6713	167693	6.14%	0.140%
49	6.744	6.726	6.758	VV	8820	136005	4.98%	0.114%
50	6.779	6.758	6.802	VV	17830	292027	10.70%	0.244%
51	6.824	6.802	6.840	VV	9135	178636	6.55%	0.149%
52	6.851	6.840	6.863	VV	8005	99986	3.66%	0.084%
53	6.878	6.863	6.892	VV	8596	130871	4.80%	0.109%
54	6.909	6.892	6.931	VV	13186	210457	7.71%	0.176%
55	6.951	6.931	7.001	VV	11115	352026	12.90%	0.294%
56	7.031	7.001	7.063	VV	22263	449078	16.45%	0.375%
57	7.076	7.063	7.088	VV	8296	121117	4.44%	0.101%
58	7.109	7.088	7.126	VV	10154	204523	7.49%	0.171%
59	7.155	7.126	7.177	VV	17225	381210	13.97%	0.319%
60	7.200	7.177	7.228	VV	18865	372848	13.66%	0.312%
61	7.262	7.228	7.291	VV	18933	532199	19.50%	0.445%
62	7.306	7.291	7.324	VV	15909	230769	8.46%	0.193%
63	7.348	7.324	7.385	VV	27930	549566	20.14%	0.459%
64	7.409	7.385	7.428	VV	14870	293550	10.76%	0.245%
65	7.447	7.428	7.464	VV	13809	233447	8.55%	0.195%
66	7.477	7.464	7.489	VV	10459	144593	5.30%	0.121%
67	7.551	7.489	7.560	VV	32827	677790	24.83%	0.567%
68	7.699	7.687	7.714	VV	12290	192370	7.05%	0.161%
69	7.749	7.714	7.784	VV	31874	817108	29.94%	0.683%
70	7.801	7.784	7.824	VV	17431	337165	12.35%	0.282%
71	7.842	7.824	7.867	VV	15767	330161	12.10%	0.276%
72	7.945	7.931	7.983	VV	23028	549805	20.14%	0.460%
73	8.008	7.983	8.024	VV	22776	440679	16.15%	0.368%
74	8.042	8.024	8.078	VV	24319	667170	24.44%	0.558%
75	8.103	8.078	8.124	VV	25022	549164	20.12%	0.459%
76	8.151	8.124	8.167	VV	30072	552683	20.25%	0.462%
77	8.185	8.167	8.197	VV	38216	523525	19.18%	0.438%
78	8.208	8.197	8.232	VV	37406	545577	19.99%	0.456%
79	8.278	8.232	8.310	VV	46224	1102231	40.39%	0.921%
80	8.327	8.310	8.345	VV	19735	380887	13.96%	0.318%
81	8.365	8.345	8.390	VV	27050	583769	21.39%	0.488%
82	8.502	8.486	8.524	VV	27729	580859	21.28%	0.486%
83	8.560	8.524	8.588	VV	28006	913071	33.45%	0.763%
84	8.614	8.588	8.632	VV	31220	682621	25.01%	0.571%
85	8.644	8.632	8.658	VV	29255	412926	15.13%	0.345%
86	8.679	8.658	8.722	VV	37197	1001867	36.71%	0.838%
87	8.818	8.802	8.862	VV	32760	1062706	38.94%	0.888%
88	8.884	8.862	8.897	VV	36147	687332	25.18%	0.575%
89	8.912	8.897	8.934	VV	37527	730986	26.78%	0.611%

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Parameters								
90	9.054	9.028	9.092	VV	38678	1105779	40.52%	0.924%
91	9.117	9.092	9.135	VV	29606	688018	25.44%	0.580%
92	9.181	9.168	9.196	VV	25724	423324	15.28%	0.394%
93	9.228	9.196	9.249	VV	30865	886798	32.62%	1.050%
94	9.374	9.353	9.398	VV	35495	783966	28.88%	0.773%
95	9.434	9.398	9.459	VV	29609	985573	36.98%	1.118%
Manual IntegrationsAPPROVED								
96	9.518	9.502	9.554	VV	32875	890353	32.62%	0.744%
97	9.621	9.607	9.636	VV	29587	471619	17.28%	0.394%
98	9.750	9.721	9.776	VV	46429	1256317	46.03%	1.050%
99	9.798	9.776	9.817	VV	47480	924721	33.88%	0.773%
100	9.850	9.817	9.881	VV	47811	1336810	48.98%	1.118%
101	9.953	9.932	9.966	VV	30100	568667	20.84%	0.475%
102	9.984	9.966	10.000	VV	31787	626006	22.94%	0.523%
103	10.026	10.000	10.051	VV	43139	1106199	40.53%	0.925%
104	10.150	10.121	10.166	VV	33911	852177	31.22%	0.712%
105	10.245	10.218	10.271	VV	32234	900499	32.99%	0.753%
106	10.346	10.328	10.369	VV	30527	694240	25.44%	0.580%
107	10.513	10.490	10.533	VV	43513	943863	34.58%	0.789%
108	10.551	10.533	10.573	VV	48571	963292	35.29%	0.805%
109	10.656	10.634	10.682	VV	28800	812040	29.75%	0.679%
110	10.714	10.682	10.734	VV	33926	977896	35.83%	0.818%
111	10.928	10.916	10.981	VV	36592	1216611	44.58%	1.017%
112	11.139	11.110	11.174	VV	44685	1456256	53.36%	1.217%
113	11.270	11.248	11.303	VV	44176	1151907	42.21%	0.963%
114	11.322	11.303	11.361	VV	42143	1127452	41.31%	0.943%
115	11.375	11.361	11.404	VV	30743	745344	27.31%	0.623%
116	11.430	11.404	11.448	VV	30916	770583	28.23%	0.644%
117	11.564	11.556	11.578	VV	34430	450636	16.51%	0.377%
118	11.675	11.657	11.696	VV	30256	661231	24.23%	0.553%
119	11.715	11.696	11.739	VV	29537	709690	26.00%	0.593%
120	11.877	11.862	11.892	VV	34493	575030	21.07%	0.481%
121	11.914	11.892	11.937	VV	43538	963568	35.30%	0.806%
122	11.954	11.937	11.983	VV	39579	906696	33.22%	0.758%
123	12.005	11.983	12.054	VV	39058	1304232	47.79%	1.090%
124	12.072	12.054	12.105	VV	29382	838488	30.72%	0.701%
125	12.387	12.362	12.406	VV	26385	658602	24.13%	0.551%
126	12.421	12.406	12.441	VV	24573	503737	18.46%	0.421%
127	12.466	12.441	12.515	VV	34050	1318679	48.32%	1.102%
128	12.529	12.515	12.548	VV	27960	510566	18.71%	0.427%
129	12.573	12.548	12.587	VV	32299	689492	25.26%	0.576%
130	12.603	12.587	12.635	VV	35496	843786	30.92%	0.705%
131	12.657	12.635	12.731	VV	31895	1456569	53.37%	1.218%
132	12.754	12.731	12.775	VV	27277	668492	24.49%	0.5

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142	13.609	13.595	13.638	VV	17616	433712	15.89%	0.363%
143	13.679	13.638	13.705	VV	23115	796722	29.11%	0.363%
144	13.719	13.705	13.741	VV	20284	431428	19.11%	0.363%
145	13.754	13.741	13.774	VV	19241	356779	13.11%	0.363%
146	13.794	13.774	13.809	VV	19368	371412	13.11%	0.514%
147	13.826	13.809	13.849	VV	20403	448987	16.11%	0.514%
148	13.874	13.849	13.905	VV	21096	614971	22.53%	0.514%
149	14.087	14.066	14.105	VV	17252	386550	14.16%	0.323%
150	14.115	14.105	14.136	VV	16780	296347	10.86%	0.248%
151	14.329	14.314	14.347	VV	15303	282659	10.36%	0.236%
152	14.363	14.347	14.376	VV	14499	248592	9.11%	0.208%
153	14.397	14.376	14.416	VV	16318	368628	13.51%	0.308%
154	14.447	14.416	14.488	VV	16812	635730	23.29%	0.531%
155	14.667	14.629	14.707	VV	15879	677440	24.82%	0.566%
156	14.804	14.770	14.829	VV	14360	474971	17.40%	0.397%
157	14.846	14.829	14.864	VV	13661	283755	10.40%	0.237%
158	14.883	14.864	14.906	VV	13424	324740	11.90%	0.271%
159	14.917	14.906	14.934	VV	12702	211503	7.75%	0.177%
160	14.946	14.934	14.966	VV	12977	233974	8.57%	0.196%
161	14.992	14.966	15.014	VH	13455	366960	13.45%	0.307%
162	15.023	15.014	15.047	HH	12334	238731	8.75%	0.200%
163	15.066	15.047	15.085	HH	12112	268935	9.85%	0.225%
164	15.095	15.085	15.101	HH	11755	108741	3.98%	0.091%
165	15.138	15.101	15.205	HH	28263	944859	34.62%	0.790%
166	15.218	15.205	15.262	HH	12111	405520	14.86%	0.339%
167	15.273	15.262	15.304	HH	11474	284861	10.44%	0.238%
168	15.334	15.304	15.363	HH	12390	408646	14.97%	0.342%
169	15.385	15.363	15.401	HH	11519	258164	9.46%	0.216%
170	15.410	15.401	15.432	HH	11505	206347	7.56%	0.173%
171	15.453	15.432	15.500	HH	11565	463457	16.98%	0.387%
172	15.526	15.500	15.541	HH	12301	288234	10.56%	0.241%
173	15.565	15.541	15.630	HH	13014	640820	23.48%	0.536%
174	15.659	15.630	15.697	HH	20741	591056	21.66%	0.494%
175	15.717	15.697	15.748	HH	12098	359993	13.19%	0.301%
176	15.785	15.748	15.818	HH	12188	492655	18.05%	0.412%
177	15.843	15.818	15.860	HH	12241	298535	10.94%	0.250%
178	15.874	15.860	15.894	HH	12103	249580	9.14%	0.209%
179	15.918	15.894	15.934	HH	12474	293983	10.77%	0.246%
180	15.980	15.934	16.012	HH	12955	579464	21.23%	0.484%
181	16.119	16.012	16.129	HH	13223	895616	32.82%	0.749%
182	16.161	16.129	16.278	HH	19736	1285350	47.09%	1.075%
183	16.290	16.278	16.308	HH	13658	242668	8.89%	0.203%
184	16.349	16.308	16.393	HH	14673	719897	26.38%	0.602%
185	16.421	16.393	16.430	HH	14301	311806	11.42%	0.261%
186	16.475	16.430	16.501	HH	14956	622144	22.80%	0.520%
187	16.520	16.501	16.558	HH	14976	503273	18.44%	0.421%
188	16.646	16.558	16.701	HH	20688	1406022	51.52%	1.175%
189	16.726	16.701	16.733	HH	16240	305172	11.18%	0.255%
190	16.807	16.733	16.818	HH	17614	853594	31.28%	0.714%
191	16.825	16.818	16.830	HH	17058	130946	4.80%	0.109%
192	16.854	16.830	16.920	HH	17706	933390	34.20%	0.780%
193	16.950	16.920	16.970	HH	17961	526424	19.29%	0.440%
194	16.993	16.970	17.028	HH	18681	617852	22.64%	0.517%

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195	17.115	17.028	17.153	HH	23731	1486684	54.47%	1.243%
196	17.168	17.153	17.181	HH	19968	326654	11.00%	0.00%
197	17.199	17.181	17.220	HH	19834	462284	16.00%	0.00%
198	17.289	17.220	17.301	HH	21061	977470	35.00%	0.00%
199	17.349	17.301	17.378	HH	22469	995060	36.00%	0.00%
200	17.426	17.378	17.448	HH	23479	946091	34.00%	0.00%
Manual Integration								
201	17.455	17.448	17.465	HH	23094	233436	8.55%	0.195%
202	17.520	17.465	17.538	HH	24771	1042235	38.19%	0.871%
203	17.566	17.538	17.613	HH	28686	1164183	42.66%	0.973%
204	17.670	17.613	17.700	HH	26737	1335940	48.95%	1.117%
205	17.738	17.700	17.751	HH	26899	805645	29.52%	0.674%
206	17.782	17.751	17.806	HH	27155	882072	32.32%	0.737%
207	17.845	17.806	17.864	HH	27979	968443	35.48%	0.810%
208	17.905	17.864	17.914	HH	29017	851442	31.20%	0.712%
209	18.002	17.914	18.024	HH	35605	2044450	74.91%	1.709%
210	18.044	18.024	18.063	HH	31043	707475	25.92%	0.591%
211	18.139	18.063	18.199	HH	38728	2729279	100.00%	2.282%
212	18.237	18.199	18.251	HH	33510	1034360	37.90%	0.865%
213	18.280	18.251	18.297	HH	34676	941962	34.51%	0.787%
214	18.335	18.297	18.357	HH	36188	1282858	47.00%	1.072%
215	18.427	18.357	18.456	HH	41092	2221179	81.38%	1.857%
216	18.508	18.456	18.528	HH	43044	1712097	62.73%	1.431%
217	18.541	18.528	18.558	HH	40114	699338	25.62%	0.585%
218	18.581	18.558	18.591	HH	39889	800114	29.32%	0.669%
219	18.598	18.591	18.611	HH	39718	466770	17.10%	0.390%
220	18.632	18.611	18.651	HH	41074	969567	35.52%	0.811%

Sum of corrected areas: 119619657

Aliphatic EPH 061025.M Wed Jun 11 09:53:17 2025