

rteres

Instrument :

FID_E

ClientSampleId :

MH-21DL

Area Percent Report

Manual IntegrationsAPPROVED

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

Data File : FE056400.D

Signal(s) : FID1B.ch

Acq On : 20 Oct 2025 21:51

Sample : Q3369-05DL 5X

Misc :

ALS Vial : 24 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/21/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.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	4.331	4.284	4.384	VV	237	11334	0.34%	0.038%
2	4.394	4.384	4.459	VV	244	8503	0.25%	0.028%
3	4.468	4.459	4.478	VV	231	2068	0.06%	0.007%
4	4.482	4.478	4.491	VV	225	1431	0.04%	0.005%
5	4.531	4.491	4.548	VV	253	7151	0.21%	0.024%
6	4.551	4.548	4.564	VV	254	1927	0.06%	0.006%
7	4.578	4.564	4.587	VV	190	2450	0.07%	0.008%
8	4.600	4.587	4.615	VV	223	3195	0.09%	0.011%
9	4.619	4.615	4.641	VV	240	3066	0.09%	0.010%
10	4.649	4.641	4.692	VV	213	5364	0.16%	0.018%
11	4.702	4.692	4.715	VV	171	2203	0.07%	0.007%
12	4.724	4.715	4.748	VV	214	3269	0.10%	0.011%
13	4.766	4.748	4.803	VV	230	5453	0.16%	0.018%
14	4.820	4.803	4.835	VV	233	3320	0.10%	0.011%
15	4.855	4.835	4.894	VV	210	5457	0.16%	0.018%
16	4.933	4.894	4.946	VV	187	4565	0.14%	0.015%
17	4.967	4.946	5.048	VV	243	8799	0.26%	0.029%
18	5.072	5.048	5.148	VV	179	8499	0.25%	0.028%
19	5.156	5.148	5.255	VV	145	6706	0.20%	0.022%
20	5.311	5.255	5.321	VV	236	4584	0.14%	0.015%
21	5.329	5.321	5.358	VV	134	2231	0.07%	0.007%
22	5.366	5.358	5.373	VV	136	838	0.02%	0.003%
23	5.379	5.373	5.389	VV	128	887	0.03%	0.003%
24	5.396	5.389	5.474	VV	135	4315	0.13%	0.014%
25	5.481	5.474	5.491	VV	132	1100	0.03%	0.004%
26	5.510	5.491	5.538	VV	123	2316	0.07%	0.008%
27	5.546	5.538	5.551	VV	115	704	0.02%	0.002%
28	5.565	5.551	5.579	VV	305	1694	0.05%	0.006%
29	5.602	5.579	5.639	VV	178	4177	0.12%	0.014%
30	5.646	5.639	5.672	VV	69	1197	0.04%	0.004%
31	5.694	5.672	5.756	VV	108	2914	0.09%	0.010%

32	5.798	5.756	5.841	VV	139	4190	0.12%	0.014%
33	5.856	5.841	5.866	VV	113	134		
34	5.874	5.866	5.897	VV	135	176		
35	5.906	5.897	5.911	VV	142	89		
36	5.918	5.911	6.009	VV	160	551		
37	6.024	6.009	6.082	VV	145	4080	0.12%	0.014%
38	6.088	6.082	6.148	VV	125	2923	0.09%	0.010%
39	6.167	6.148	6.224	VV	121	2915	0.09%	0.010%
40	6.231	6.224	6.305	PV	123	2199	0.07%	0.007%
41	6.317	6.305	6.348	VV	108	1893	0.06%	0.006%
42	6.379	6.348	6.434	VV	202	6840	0.20%	0.023%
43	6.448	6.434	6.498	VV	169	4493	0.13%	0.015%
44	7.275	7.219	7.285	VV	125	1852	0.05%	0.006%
45	7.373	7.285	7.421	VV	171	7918	0.23%	0.026%
46	7.437	7.421	7.481	VV	137	3526	0.10%	0.012%
47	7.505	7.481	7.539	VV	158	3537	0.10%	0.012%
48	7.657	7.648	7.675	VV	149	2035	0.06%	0.007%
49	7.685	7.675	7.694	VV	89	888	0.03%	0.003%
50	7.704	7.694	7.728	VV	154	2162	0.06%	0.007%
51	7.741	7.728	7.771	VV	130	2002	0.06%	0.007%
52	7.777	7.771	7.802	VV	149	1227	0.04%	0.004%
53	7.831	7.802	7.922	PV	105	2878	0.09%	0.010%
54	7.927	7.922	7.938	VV	66	367	0.01%	0.001%
55	7.955	7.938	7.976	VV	76	1166	0.03%	0.004%
56	8.383	8.375	8.431	VV	419	13069	0.39%	0.043%
57	8.436	8.431	8.468	VV	384	7116	0.21%	0.024%
58	8.487	8.468	8.508	VV	339	7324	0.22%	0.024%
59	8.519	8.508	8.527	VV	413	3905	0.12%	0.013%
60	8.568	8.527	8.620	VV	522	22539	0.67%	0.075%
61	8.664	8.620	8.757	VV	464	20200	0.60%	0.067%
62	8.777	8.757	8.841	VV	227	6513	0.19%	0.022%
63	8.871	8.841	8.928	VV	101	2877	0.09%	0.010%
64	9.287	9.281	9.367	VV	633	24777	0.73%	0.082%
65	9.401	9.367	9.448	VV	947	26729	0.79%	0.089%
66	9.462	9.448	9.475	VV	336	4760	0.14%	0.016%
67	9.532	9.520	9.622	VV	260	10201	0.30%	0.034%
68	9.640	9.622	9.706	VV	225	7061	0.21%	0.023%
69	9.710	9.706	9.734	VV	128	1017	0.03%	0.003%
70	9.747	9.734	9.811	VV	107	2016	0.06%	0.007%
71	9.826	9.811	9.855	PV	136	2013	0.06%	0.007%
72	9.865	9.855	9.872	VV	171	1276	0.04%	0.004%
73	9.883	9.872	9.911	VV	194	3109	0.09%	0.010%
74	9.919	9.911	9.931	VV	151	1458	0.04%	0.005%
75	9.954	9.931	10.098	VV	496	13245	0.39%	0.044%
76	10.106	10.098	10.131	VV	94	878	0.03%	0.003%
77	10.280	10.255	10.364	VV	583	17462	0.52%	0.058%
78	10.376	10.364	10.388	VV	118	940	0.03%	0.003%
79	10.393	10.388	10.405	VV	78	675	0.02%	0.002%

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80	10.441	10.405	10.460	VV	115	1784	0.05%	0.006%
81	10.485	10.460	10.530	PV	72	178		
82	10.553	10.530	10.591	VV	139	263		
83	10.631	10.591	10.655	VV	672	961		
84	10.821	10.797	10.845	VV	214	426		
85	10.911	10.845	10.928	VV	471	10108	0.30%	0.034%
86	10.945	10.928	10.971	VV	244	4859	0.14%	0.016%
87	11.124	11.065	11.143	VV	401	7435	0.22%	0.025%
88	11.164	11.143	11.198	VV	269	5729	0.17%	0.019%
89	11.241	11.198	11.281	VV	331	6311	0.19%	0.021%
90	11.343	11.281	11.352	VV	271	7068	0.21%	0.024%
91	11.655	11.637	11.685	VV	588	9511	0.28%	0.032%
92	11.722	11.685	11.761	VV	559	15139	0.45%	0.050%
93	11.770	11.761	11.805	VV	221	3369	0.10%	0.011%
94	11.812	11.805	11.855	VV	164	3148	0.09%	0.010%
95	11.918	11.855	11.928	PV	109	2647	0.08%	0.009%
96	11.967	11.928	11.983	VV	116	2605	0.08%	0.009%
97	12.003	11.983	12.017	PV	150	1781	0.05%	0.006%
98	12.052	12.017	12.088	VV	89265	990596	29.34%	3.294%
99	12.109	12.088	12.131	VV	2236	37409	1.11%	0.124%
100	12.148	12.131	12.196	VV	1359	31305	0.93%	0.104%
101	12.217	12.196	12.238	VV	758	12408	0.37%	0.041%
102	12.248	12.238	12.308	VV	294	6495	0.19%	0.022%
103	12.335	12.308	12.365	VV	136	2517	0.07%	0.008%
104	12.395	12.365	12.452	VV	420	9480	0.28%	0.032%
105	12.461	12.452	12.475	VV	123	678	0.02%	0.002%
106	12.487	12.475	12.528	PV	101	1721	0.05%	0.006%
107	12.606	12.528	12.631	PV	390	5073	0.15%	0.017%
108	12.835	12.824	12.915	VV	529	16350	0.48%	0.054%
109	12.979	12.915	13.015	VV	390	10882	0.32%	0.036%
110	13.040	13.015	13.084	VV	715	14286	0.42%	0.048%
111	13.157	13.142	13.195	VV	882	13855	0.41%	0.046%
112	13.212	13.195	13.227	VV	226	3653	0.11%	0.012%
113	13.288	13.227	13.305	VV	317	9832	0.29%	0.033%
114	13.322	13.305	13.329	VV	325	3882	0.11%	0.013%
115	13.338	13.329	13.347	VV	278	2767	0.08%	0.009%
116	13.395	13.347	13.419	VV	1999	40424	1.20%	0.134%
117	13.445	13.419	13.460	VV	1920	34880	1.03%	0.116%
118	13.490	13.460	13.636	VV	57594	844653	25.01%	2.809%
119	13.652	13.636	13.681	VV	960	21838	0.65%	0.073%
120	13.695	13.681	13.721	VV	843	17621	0.52%	0.059%
121	13.759	13.721	13.815	VV	793	37493	1.11%	0.125%
122	13.841	13.815	13.853	VV	669	13978	0.41%	0.046%
123	13.883	13.853	13.941	VV	898	37536	1.11%	0.125%
124	13.951	13.941	13.975	VV	687	13195	0.39%	0.044%
125	14.101	14.094	14.144	VV	737	20032	0.59%	0.067%
126	14.195	14.178	14.221	VV	800	17809	0.53%	0.059%

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127	14.244	14.221	14.285	VV	881	26035	0.77%	0.087%
128	14.293	14.285	14.318	VV	698	1127		
129	14.471	14.429	14.535	VV	318	1342		
130	14.548	14.535	14.563	VV	194	212		
131	14.577	14.563	14.595	PV	148	129		
132	14.624	14.595	14.666	VV	400	10608	0.31%	0.035%
133	14.676	14.666	14.718	VV	222	2908	0.09%	0.010%
134	14.727	14.718	14.738	VV	80	603	0.02%	0.002%
135	14.756	14.738	14.784	PV	128	1610	0.05%	0.005%
136	14.888	14.858	14.930	VV	203	4446	0.13%	0.015%
137	14.939	14.930	14.983	VV	177	2918	0.09%	0.010%
138	15.131	14.983	15.185	VV	3153	74799	2.22%	0.249%
139	15.346	15.185	15.375	VV	1045	51373	1.52%	0.171%
140	15.396	15.375	15.430	VV	385	8902	0.26%	0.030%
141	15.493	15.430	15.520	VV	149	5526	0.16%	0.018%
142	15.597	15.520	15.607	PV	177	4432	0.13%	0.015%
143	15.734	15.702	15.804	VV	2786	62439	1.85%	0.208%
144	15.822	15.804	15.831	VV	450	6193	0.18%	0.021%
145	15.873	15.831	15.918	VV	833	19787	0.59%	0.066%
146	15.952	15.918	15.969	VV	277	5153	0.15%	0.017%
147	16.404	16.391	16.451	VV	1448	41512	1.23%	0.138%
148	16.470	16.451	16.481	VV	860	14655	0.43%	0.049%
149	16.518	16.481	16.531	VV	667	19992	0.59%	0.066%
150	16.541	16.531	16.551	VV	547	5971	0.18%	0.020%
151	16.588	16.551	16.611	VV	754	17640	0.52%	0.059%
152	16.626	16.611	16.651	VV	255	3776	0.11%	0.013%
153	16.679	16.651	16.695	PV	282	3795	0.11%	0.013%
154	16.750	16.695	16.769	VV	605	8922	0.26%	0.030%
155	16.858	16.769	16.881	VV	1163	20858	0.62%	0.069%
156	17.033	16.881	17.055	VV	879	37793	1.12%	0.126%
157	17.328	17.055	17.350	VV	2128	164764	4.88%	0.548%
158	17.381	17.350	17.398	VV	1439	36396	1.08%	0.121%
159	17.461	17.398	17.476	VV	1444	59073	1.75%	0.196%
160	17.502	17.476	17.511	VV	1340	24974	0.74%	0.083%
161	17.535	17.511	17.553	VV	1441	32734	0.97%	0.109%
162	17.587	17.553	17.608	VV	1978	50631	1.50%	0.168%
163	17.658	17.608	17.675	VV	1942	59414	1.76%	0.198%
164	17.695	17.675	17.710	VV	1787	34294	1.02%	0.114%
165	17.775	17.710	17.799	VV	2922	102419	3.03%	0.341%
166	17.821	17.799	17.850	VV	1527	40803	1.21%	0.136%
167	17.904	17.850	17.926	VV	1184	46694	1.38%	0.155%
168	17.944	17.926	17.964	VV	864	16094	0.48%	0.054%
169	17.987	17.964	18.006	VV	795	15698	0.46%	0.052%
170	18.020	18.006	18.033	VV	537	5465	0.16%	0.018%
171	18.061	18.033	18.075	PV	836	14009	0.41%	0.047%
172	18.085	18.075	18.093	VV	459	4410	0.13%	0.015%
173	18.138	18.093	18.151	VV	1070	22526	0.67%	0.075%
174	18.218	18.151	18.245	VV	3254	93949	2.78%	0.312%

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175	18.378	18.245	18.394	VV	6731	355016	10.51%	1.181%
Manual IntegrationsAPPR								
176	18.408	18.394	18.439	VV	6306	14543		
177	18.467	18.439	18.522	VV	4431	19246		
178	18.552	18.522	18.560	VV	3774	7296	Reviewed By :Yogesh Patel	
179	18.579	18.560	18.598	VV	5127	9292	Supervised By :mohammad a	
180	18.639	18.598	18.681	VV	5480	179287	5.31%	0.596%
181	18.744	18.681	18.791	VV	5987	266362	7.89%	0.886%
182	18.838	18.791	18.850	VV	4659	149114	4.42%	0.496%
183	18.863	18.850	18.878	VV	4748	74046	2.19%	0.246%
184	18.891	18.878	18.931	VV	5294	151624	4.49%	0.504%
185	18.942	18.931	18.958	VV	4456	67323	1.99%	0.224%
186	19.060	18.958	19.075	VV	9061	415275	12.30%	1.381%
187	19.087	19.075	19.101	VV	9290	133218	3.95%	0.443%
188	19.120	19.101	19.131	VV	8874	143198	4.24%	0.476%
189	19.183	19.131	19.198	VV	9485	352441	10.44%	1.172%
190	19.242	19.198	19.264	VV	9359	336164	9.96%	1.118%
191	19.284	19.264	19.335	VV	8737	343813	10.18%	1.143%
192	19.344	19.335	19.355	VV	6764	73832	2.19%	0.246%
193	19.367	19.355	19.379	VV	6248	87677	2.60%	0.292%
194	19.448	19.379	19.481	VV	9145	470311	13.93%	1.564%
195	19.507	19.481	19.517	VV	8731	176737	5.23%	0.588%
196	19.544	19.517	19.553	VV	8534	175795	5.21%	0.585%
197	19.602	19.553	19.621	VV	11589	397956	11.79%	1.324%
198	19.644	19.621	19.654	VV	11953	221334	6.55%	0.736%
199	19.700	19.654	19.715	VV	12942	451821	13.38%	1.503%
200	19.778	19.715	19.789	VV	17186	621235	18.40%	2.066%
201	19.821	19.789	19.859	VV	36606	778490	23.06%	2.589%
202	19.884	19.859	19.922	VV	17319	602095	17.83%	2.002%
203	19.955	19.922	19.966	VV	16908	425329	12.60%	1.415%
204	20.048	19.966	20.102	VV	22947	1583718	46.90%	5.267%
205	20.205	20.153	20.224	VV	23351	887955	26.30%	2.953%
206	20.281	20.224	20.335	VV	26097	1603458	47.49%	5.333%
207	20.434	20.335	20.475	VV	30036	2250675	66.66%	7.485%
208	20.492	20.475	20.517	VV	29028	712255	21.09%	2.369%
209	20.555	20.517	20.576	VV	30023	1030344	30.51%	3.427%
210	20.592	20.576	20.618	VV	30798	753998	22.33%	2.508%
211	20.673	20.618	20.695	VV	32451	1393283	41.26%	4.634%
212	20.762	20.695	20.791	VV	36255	1917907	56.80%	6.378%
213	20.800	20.791	20.827	VV	32997	682697	20.22%	2.270%
214	20.838	20.827	20.845	VV	30546	320726	9.50%	1.067%
215	20.856	20.845	20.865	VV	30636	357409	10.58%	1.189%
216	20.908	20.865	20.926	VV	32552	1165136	34.51%	3.875%
217	21.023	20.926	21.102	VV	35454	3376602	100.00%	11.230%
Sum of corrected areas:							30068377	