

Instrument :

FID_E

ClientSampleId :

HD-01-07222025DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE07242
Data File : FE055011.D
Signal(s) : FID1B.ch
Acq On : 24 Jul 2025 09:52
Sample : Q2676-01DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.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	2.851	2.805	2.878	BV	130	1513	0.05%	0.004%
2	2.881	2.878	2.889	VV	104	328	0.01%	0.001%
3	2.921	2.889	2.936	VV	144	2129	0.07%	0.006%
4	2.963	2.936	3.024	VV	102	3352	0.11%	0.009%
5	3.061	3.024	3.098	PV	109	3091	0.10%	0.008%
6	3.124	3.098	3.140	VV	134	1926	0.06%	0.005%
7	3.157	3.140	3.255	VV	157	7307	0.24%	0.020%
8	3.302	3.255	3.332	VV	170	5624	0.18%	0.015%
9	3.341	3.332	3.365	VV	203	2299	0.07%	0.006%
10	3.372	3.365	3.381	VV	134	947	0.03%	0.003%
11	3.421	3.381	3.441	VV	212	5270	0.17%	0.014%
12	3.450	3.441	3.494	VV	187	3784	0.12%	0.010%
13	3.510	3.494	3.551	VV	146	3773	0.12%	0.010%
14	3.565	3.551	3.590	VV	144	2655	0.09%	0.007%
15	3.610	3.590	3.626	VV	255	4206	0.14%	0.011%
16	3.641	3.626	3.653	VV	208	2465	0.08%	0.007%
17	3.665	3.653	3.735	VV	197	6805	0.22%	0.019%
18	3.749	3.735	3.771	VV	194	3261	0.11%	0.009%
19	3.779	3.771	3.789	VV	194	1643	0.05%	0.004%
20	3.806	3.789	3.861	VV	203	6821	0.22%	0.019%
21	3.896	3.861	3.938	VV	782	12535	0.41%	0.034%
22	3.964	3.938	3.991	VV	196	4261	0.14%	0.012%
23	4.013	3.991	4.047	VV	489	6539	0.21%	0.018%
24	4.071	4.047	4.090	VV	257	3596	0.12%	0.010%
25	4.104	4.090	4.183	VV	366	8525	0.28%	0.023%
26	4.221	4.183	4.238	PV	226	3785	0.12%	0.010%
27	4.252	4.238	4.281	VV	167	3004	0.10%	0.008%
28	4.299	4.281	4.308	VV	126	1526	0.05%	0.004%
29	4.329	4.308	4.362	VV	145	3521	0.11%	0.010%
30	4.372	4.362	4.380	VV	91	617	0.02%	0.002%
31	4.427	4.380	4.438	VV	222	4870	0.16%	0.013%
32	4.462	4.438	4.488	VV	223	4353	0.14%	0.012%
33	4.500	4.488	4.531	VV	176	3191	0.10%	0.009%
34	4.541	4.531	4.558	VV	138	1573	0.05%	0.004%
35	4.580	4.558	4.601	VV	187	3318	0.11%	0.009%
36	4.646	4.601	4.657	VV	170	4238	0.14%	0.012%

					retention			
37	4.684	4.657	4.706	VV	326	5689	0.18%	0.015%
38	4.724	4.706	4.735	VV	150	2023		
39	4.756	4.735	4.819	VV	244	6143		
40	4.857	4.819	4.885	VV	205	5232		
41	4.907	4.885	4.951	VV	279	8629		
42	4.970	4.951	4.987	VV	492	6026		
43	5.000	4.987	5.080	VV	297	11323	0.37%	0.031%
44	5.097	5.080	5.118	VV	237	3999	0.13%	0.011%
45	5.135	5.118	5.185	VV	357	8095	0.26%	0.022%
46	5.205	5.185	5.245	VV	309	4625	0.15%	0.013%
47	5.268	5.245	5.284	VV	159	2698	0.09%	0.007%
48	5.302	5.284	5.322	VV	202	2408	0.08%	0.007%
49	5.369	5.322	5.388	PV	207	4941	0.16%	0.013%
50	5.396	5.388	5.423	VV	264	3259	0.11%	0.009%
51	5.447	5.423	5.461	VV	242	3709	0.12%	0.010%
52	5.476	5.461	5.486	VV	282	3119	0.10%	0.008%
53	5.504	5.486	5.548	VV	387	7080	0.23%	0.019%
54	5.565	5.548	5.575	VV	140	1151	0.04%	0.003%
55	5.630	5.575	5.653	VV	325	7502	0.24%	0.020%
56	5.674	5.653	5.691	VV	247	4066	0.13%	0.011%
57	5.707	5.691	5.721	VV	251	2953	0.10%	0.008%
58	5.732	5.721	5.751	VV	195	2679	0.09%	0.007%
59	5.763	5.751	5.806	VV	178	4171	0.13%	0.011%
60	5.827	5.806	5.877	VV	803	15948	0.52%	0.043%
61	5.898	5.877	5.936	VV	185	5535	0.18%	0.015%
62	5.952	5.936	5.976	VV	205	3494	0.11%	0.010%
63	6.019	5.976	6.055	VV	642	12807	0.41%	0.035%
64	6.070	6.055	6.083	VV	250	3279	0.11%	0.009%
65	6.093	6.083	6.108	VV	228	2772	0.09%	0.008%
66	6.130	6.108	6.171	VV	399	10350	0.33%	0.028%
67	6.194	6.171	6.231	VV	304	6457	0.21%	0.018%
68	6.260	6.231	6.288	VV	295	5570	0.18%	0.015%
69	6.308	6.288	6.329	VV	344	4618	0.15%	0.013%
70	6.358	6.329	6.378	VV	403	6924	0.22%	0.019%
71	6.409	6.378	6.435	VV	507	10929	0.35%	0.030%
72	6.456	6.435	6.481	VV	409	7765	0.25%	0.021%
73	6.507	6.481	6.529	VV	510	9287	0.30%	0.025%
74	6.568	6.529	6.618	VV	550	18493	0.60%	0.050%
75	6.660	6.618	6.675	VV	439	11589	0.37%	0.032%
76	6.692	6.675	6.717	VV	518	9684	0.31%	0.026%
77	6.737	6.717	6.753	VV	506	8102	0.26%	0.022%
78	6.786	6.753	6.830	VV	460	15909	0.51%	0.043%
79	6.860	6.830	6.913	VV	1295	25155	0.81%	0.068%
80	6.936	6.913	6.965	VV	384	10149	0.33%	0.028%
81	6.986	6.965	6.998	VV	339	6132	0.20%	0.017%
82	7.015	6.998	7.035	VV	1031	13725	0.44%	0.037%
83	7.058	7.035	7.078	VV	680	12158	0.39%	0.033%
84	7.091	7.078	7.124	VV	365	7759	0.25%	0.021%
85	7.146	7.124	7.166	VV	451	8630	0.28%	0.023%
86	7.195	7.166	7.219	VV	442	10742	0.35%	0.029%
87	7.234	7.219	7.245	VV	337	4319	0.14%	0.012%
88	7.273	7.245	7.297	VV	624	12111	0.39%	0.033%
89	7.340	7.297	7.359	VV	428	11256	0.36%	0.031%

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90	7.379	7.359	7.420	VV	714	20140	0.65%	0.055%
91	7.438	7.420	7.467	VV	772	14166		
92	7.484	7.467	7.500	VV	676	10115		
93	7.511	7.500	7.527	VV	560	7532		
94	7.541	7.527	7.565	VV	701	10753		
95	7.585	7.565	7.629	VV	1189	23712		
96	7.643	7.629	7.668	VV	448	8289	0.27%	0.023%
97	7.689	7.668	7.710	VV	597	10775	0.35%	0.029%
98	7.730	7.710	7.752	VV	369	8693	0.28%	0.024%
99	7.812	7.752	7.844	VV	1742	39775	1.29%	0.108%
100	7.861	7.844	7.888	VV	490	10501	0.34%	0.029%
101	7.901	7.888	7.924	VV	390	7439	0.24%	0.020%
102	7.938	7.924	7.965	VV	448	8707	0.28%	0.024%
103	7.992	7.965	8.032	VV	828	20781	0.67%	0.057%
104	8.048	8.032	8.078	VV	383	8250	0.27%	0.022%
105	8.275	8.218	8.321	VV	798	36436	1.18%	0.099%
106	8.342	8.321	8.371	VV	701	14529	0.47%	0.040%
107	8.390	8.371	8.415	VV	740	14623	0.47%	0.040%
108	8.441	8.415	8.491	VV	790	23676	0.77%	0.064%
109	8.516	8.491	8.538	VV	1364	21052	0.68%	0.057%
110	8.579	8.538	8.595	VV	644	17990	0.58%	0.049%
111	8.609	8.595	8.642	VV	700	15409	0.50%	0.042%
112	8.699	8.642	8.734	VV	2439	59154	1.91%	0.161%
113	8.744	8.734	8.774	VV	794	15013	0.49%	0.041%
114	8.816	8.774	8.841	VV	695	22160	0.72%	0.060%
115	8.869	8.841	8.883	VV	687	14210	0.46%	0.039%
116	8.894	8.883	8.908	VV	587	7207	0.23%	0.020%
117	8.926	8.908	8.963	VV	614	14559	0.47%	0.040%
118	9.116	9.104	9.140	VV	824	14766	0.48%	0.040%
119	9.170	9.140	9.182	VV	645	14600	0.47%	0.040%
120	9.194	9.182	9.215	VV	608	10745	0.35%	0.029%
121	9.240	9.215	9.274	VV	1411	26693	0.86%	0.073%
122	9.295	9.274	9.305	VV	562	8601	0.28%	0.023%
123	9.323	9.305	9.344	VV	502	10496	0.34%	0.029%
124	9.391	9.344	9.404	VV	510	16164	0.52%	0.044%
125	9.433	9.404	9.493	VV	963	32687	1.06%	0.089%
126	9.529	9.493	9.571	VV	1480	33041	1.07%	0.090%
127	9.577	9.571	9.601	VV	430	7426	0.24%	0.020%
128	9.616	9.601	9.641	VV	501	8717	0.28%	0.024%
129	9.669	9.641	9.676	VV	356	6457	0.21%	0.018%
130	9.703	9.676	9.785	VV	423	21301	0.69%	0.058%
131	9.823	9.785	9.845	VV	351	10744	0.35%	0.029%
132	9.862	9.845	9.881	VV	284	5594	0.18%	0.015%
133	9.909	9.881	9.965	VV	781	22151	0.72%	0.060%
134	9.990	9.965	10.068	VV	490	23828	0.77%	0.065%
135	10.089	10.068	10.123	VV	472	10797	0.35%	0.029%
136	10.188	10.123	10.218	VV	5490	69705	2.25%	0.190%
137	10.234	10.218	10.285	VV	511	16036	0.52%	0.044%
138	10.314	10.285	10.398	VV	1280	29620	0.96%	0.081%
139	10.413	10.398	10.465	VV	236	6296	0.20%	0.017%
140	10.495	10.465	10.541	VV	184	5948	0.19%	0.016%
141	10.593	10.541	10.615	VV	204	4673	0.15%	0.013%

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0.65% 0.055%

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rterres							HD-01-07222025DL	
142	10.707	10.615	10.738	PV	586	17383	0.56%	0.047%
143	10.794	10.738	10.820	VV	325	11995	0.09%	0.007%
144	10.849	10.820	10.884	VV	276	6630	0.04%	0.003%
145	10.973	10.884	11.035	VV	481	21093	0.22%	0.019%
146	11.056	11.035	11.099	VV	915	14396	0.06%	0.005%
147	11.128	11.099	11.238	VV	757	20607	0.03%	0.002%
148	11.277	11.238	11.295	VV	214	5652	0.18%	0.015%
149	11.325	11.295	11.368	VV	2314	29262	0.95%	0.080%
150	11.401	11.368	11.491	VV	938	21572	0.70%	0.059%
151	11.506	11.491	11.551	VV	200	4913	0.16%	0.013%
152	11.569	11.551	11.590	VV	160	2685	0.09%	0.007%
153	11.616	11.590	11.656	VV	358	6891	0.22%	0.019%
154	11.694	11.656	11.718	VV	425	7171	0.23%	0.020%
155	11.761	11.718	11.821	VV	883	18968	0.61%	0.052%
156	11.853	11.821	11.888	VV	657	12371	0.40%	0.034%
157	11.922	11.888	11.938	PV	181	3269	0.11%	0.009%
158	11.985	11.938	12.040	VV	196	9144	0.30%	0.025%
159	12.089	12.040	12.146	VV	95781	1026467	33.18%	2.792%
160	12.164	12.146	12.208	VV	765	10810	0.35%	0.029%
161	12.249	12.208	12.348	VV	981	27083	0.88%	0.074%
162	12.373	12.348	12.391	VV	192	3600	0.12%	0.010%
163	12.433	12.391	12.461	VV	874	15759	0.51%	0.043%
164	12.491	12.461	12.518	VV	281	6735	0.22%	0.018%
165	12.535	12.518	12.578	VV	269	4525	0.15%	0.012%
166	12.602	12.578	12.625	PV	312	4179	0.14%	0.011%
167	12.639	12.625	12.650	VV	195	2061	0.07%	0.006%
168	12.683	12.650	12.768	VV	1723	34803	1.12%	0.095%
169	12.815	12.768	12.871	VV	476	13466	0.44%	0.037%
170	12.927	12.871	12.955	VV	239	7288	0.24%	0.020%
171	13.036	12.955	13.053	PV	623	16202	0.52%	0.044%
172	13.077	13.053	13.122	VV	1186	22885	0.74%	0.062%
173	13.154	13.122	13.237	VV	7459	93657	3.03%	0.255%
174	13.282	13.237	13.305	VV	273	7007	0.23%	0.019%
175	13.321	13.305	13.354	VV	189	4644	0.15%	0.013%
176	13.396	13.354	13.422	VV	305	7588	0.25%	0.021%
177	13.455	13.422	13.491	VV	6509	80216	2.59%	0.218%
178	13.526	13.491	13.607	VV	66473	819948	26.50%	2.230%
179	13.636	13.607	13.675	VV	494	9962	0.32%	0.027%
180	13.694	13.675	13.771	VV	939	25180	0.81%	0.068%
181	13.787	13.771	13.831	VV	401	9454	0.31%	0.026%
182	13.918	13.831	13.948	VV	735	28889	0.93%	0.079%
183	14.045	13.948	14.071	VV	1430	47191	1.53%	0.128%
184	14.097	14.071	14.127	VV	821	22980	0.74%	0.062%
185	14.153	14.127	14.175	VV	1185	23937	0.77%	0.065%
186	14.195	14.175	14.210	VV	1047	17402	0.56%	0.047%
187	14.231	14.210	14.258	VV	1149	24615	0.80%	0.067%
188	14.280	14.258	14.348	VV	1691	55861	1.81%	0.152%
189	14.365	14.348	14.388	VV	773	13713	0.44%	0.037%
190	14.416	14.388	14.468	VV	453	17052	0.55%	0.046%
191	14.505	14.468	14.576	VV	454	16844	0.54%	0.046%
192	14.601	14.576	14.625	VV	181	3764	0.12%	0.010%
193	14.783	14.625	14.820	PV	606	23146	0.75%	0.063%
194	14.845	14.820	14.871	PV	1194	15492	0.50%	0.042%

195	14.918	14.871	14.938	VV	369	9691	0.31%	0.026%
196	14.965	14.938	15.003	VV	818	15325		
197	15.029	15.003	15.051	VV	955	12157		
198	15.086	15.051	15.131	VV	466	11606		
199	15.153	15.131	15.178	VV	309	4664		
200	15.223	15.178	15.265	VV	339	9020		
201	15.339	15.265	15.360	PV	4166	61456	1.99%	0.167%
202	15.382	15.360	15.414	VV	4938	67288	2.17%	0.183%
203	15.433	15.414	15.455	VV	511	6916	0.22%	0.019%
204	15.502	15.455	15.525	VV	1025	21975	0.71%	0.060%
205	15.541	15.525	15.561	VV	355	7174	0.23%	0.020%
206	15.579	15.561	15.615	VV	455	7486	0.24%	0.020%
207	15.651	15.615	15.675	PV	339	9733	0.31%	0.026%
208	15.715	15.675	15.738	VV	210	6613	0.21%	0.018%
209	15.774	15.738	15.843	PV	2243	50808	1.64%	0.138%
210	15.908	15.843	15.948	VV	1577	25575	0.83%	0.070%
211	16.015	15.948	16.036	VV	994	22097	0.71%	0.060%
212	16.056	16.036	16.084	VV	584	9738	0.31%	0.026%
213	16.176	16.084	16.206	PV	876	23777	0.77%	0.065%
214	16.411	16.206	16.433	VV	2130	58267	1.88%	0.158%
215	16.457	16.433	16.491	VV	574	14026	0.45%	0.038%
216	16.621	16.491	16.665	VV	401	16576	0.54%	0.045%
217	16.719	16.665	16.743	PV	602	13725	0.44%	0.037%
218	16.825	16.743	16.845	PV	524	19789	0.64%	0.054%
219	16.902	16.845	16.958	VV	6226	119262	3.85%	0.324%
220	17.037	16.958	17.058	PV	1234	30580	0.99%	0.083%
221	17.124	17.058	17.151	VV	570	23506	0.76%	0.064%
222	17.228	17.151	17.261	PV	2980	50664	1.64%	0.138%
223	17.285	17.261	17.311	VV	3635	42914	1.39%	0.117%
224	17.363	17.311	17.425	PV	3390	77683	2.51%	0.211%
225	17.440	17.425	17.457	VV	948	13363	0.43%	0.036%
226	17.635	17.457	17.671	VV	1185	97009	3.14%	0.264%
227	17.697	17.671	17.718	VV	1412	29028	0.94%	0.079%
228	17.738	17.718	17.755	VV	1211	22560	0.73%	0.061%
229	17.813	17.755	17.841	VV	6192	106134	3.43%	0.289%
230	17.901	17.841	17.921	VV	771	27116	0.88%	0.074%
231	17.948	17.921	17.973	VV	1223	19042	0.62%	0.052%
232	18.003	17.973	18.025	PV	577	8885	0.29%	0.024%
233	18.252	18.025	18.298	VV	7669	139695	4.52%	0.380%
234	18.421	18.298	18.481	PV	3135	111125	3.59%	0.302%
235	18.515	18.481	18.530	VV	688	11316	0.37%	0.031%
236	18.674	18.530	18.707	VV	10262	260545	8.42%	0.709%
237	18.791	18.707	18.858	VV	5259	198737	6.42%	0.541%
238	18.916	18.858	18.968	VV	4273	158417	5.12%	0.431%
239	19.086	18.968	19.133	VV	13110	414779	13.41%	1.128%
240	19.212	19.133	19.238	VV	4495	223134	7.21%	0.607%
241	19.263	19.238	19.300	VV	5031	149223	4.82%	0.406%
242	19.388	19.300	19.410	VV	5265	292951	9.47%	0.797%
243	19.484	19.410	19.515	VV	13858	479143	15.49%	1.303%
244	19.873	19.515	19.895	VV	18425	1993567	64.43%	5.422%
245	19.931	19.895	19.956	VV	12677	450274	14.55%	1.225%
246	20.070	19.956	20.097	VV	15615	1186943	38.36%	3.228%

Instrument :

FID_E

ClientSampleId :

HD-01-07222025DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/25/2025

Supervised By :mohammad ahmed 07/26/2025

					rters			
247	20.167	20.097	20.188	VV	17958	865598	27.98%	2.354%
248	20.248	20.188	20.300	VV	26422	1351832	43.11%	1.145%
249	20.326	20.300	20.375	VV	19570	851031	27.98%	0.725%
250	20.542	20.375	20.568	VV	29429	2790065	90.00%	2.354%
251	20.613	20.568	20.641	VV	34148	1326208	42.11%	1.145%
252	20.729	20.641	20.745	VV	31734	1902314	61.11%	1.589%
253	20.780	20.745	20.821	VV	32298	1425994	46.09%	3.878%
254	20.838	20.821	20.857	VV	30756	630874	20.39%	1.716%
255	20.911	20.857	20.938	VV	29463	1432152	46.29%	3.895%
256	20.980	20.938	21.065	VV	32648	2094658	67.70%	5.697%
257	21.154	21.065	21.211	VV	26419	2170041	70.14%	5.902%
258	21.253	21.211	21.271	VV	25026	878308	28.39%	2.389%
259	21.390	21.271	21.505	VV	24925	3093945	100.00%	8.415%
260	21.588	21.505	21.677	VV	17640	1745179	56.41%	4.746%
261	21.696	21.677	21.715	VV	14374	324702	10.49%	0.883%
262	21.727	21.715	21.788	VV	14214	591260	19.11%	1.608%
263	21.853	21.788	21.975	VV	14421	1230263	39.76%	3.346%
264	21.992	21.975	22.027	VV	7166	197058	6.37%	0.536%
265	22.045	22.027	22.070	VV	5280	128069	4.14%	0.348%
266	22.089	22.070	22.104	VV	4891	90197	2.92%	0.245%
267	22.124	22.104	22.218	VV	4772	182288	5.89%	0.496%
Sum of corrected areas:						36768074		

Instrument :

FID_E

ClientSampleId :

HD-01-07222025DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/26/2025

Aliphatic EPH 062725.M Fri Jul 25 03:48:22 2025