

Instrument :

FID_E

ClientSampleId :

HD-02-05222025DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/28/2025

Supervised By :mohammad ahmed 05/29/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE05272
Data File : FE054017.D
Signal(s) : FID1B.ch
Acq On : 27 May 2025 11:05
Sample : Q2113-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.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	2.900	2.855	2.925	BV	98	1168	0.02%	0.003%
2	2.948	2.925	2.961	PV	158	1531	0.02%	0.004%
3	2.969	2.961	2.997	VV	92	1389	0.02%	0.004%
4	3.011	2.997	3.037	VV	179	1249	0.02%	0.003%
5	3.045	3.037	3.064	VV	55	548	0.01%	0.002%
6	3.071	3.064	3.163	VV	68	2209	0.03%	0.006%
7	3.182	3.163	3.202	VV	84	1291	0.02%	0.004%
8	3.220	3.202	3.251	VV	121	1413	0.02%	0.004%
9	3.278	3.251	3.328	PV	101	2132	0.03%	0.006%
10	3.332	3.328	3.349	VV	88	615	0.01%	0.002%
11	3.360	3.349	3.379	VV	86	1023	0.02%	0.003%
12	3.395	3.379	3.415	VV	82	1222	0.02%	0.003%
13	3.424	3.415	3.495	VV	97	3221	0.05%	0.009%
14	3.512	3.495	3.530	VV	142	1374	0.02%	0.004%
15	3.548	3.530	3.594	VV	131	2632	0.04%	0.007%
16	3.602	3.594	3.620	VV	96	885	0.01%	0.002%
17	3.629	3.620	3.636	VV	121	755	0.01%	0.002%
18	3.646	3.636	3.658	VV	178	1544	0.02%	0.004%
19	3.681	3.658	3.695	VV	218	2769	0.04%	0.008%
20	3.706	3.695	3.719	VV	165	1482	0.02%	0.004%
21	3.727	3.719	3.757	VV	131	1928	0.03%	0.005%
22	3.769	3.757	3.778	VV	85	814	0.01%	0.002%
23	3.787	3.778	3.814	VV	104	1595	0.02%	0.004%
24	3.826	3.814	3.858	VV	131	1689	0.03%	0.005%
25	3.883	3.858	3.929	PV	98	2538	0.04%	0.007%
26	3.937	3.929	3.948	PV	50	658	0.01%	0.002%
27	3.963	3.948	3.985	VV	205	1721	0.03%	0.005%
28	3.995	3.985	4.058	VV	124	3676	0.06%	0.010%
29	4.061	4.058	4.082	VV	116	980	0.01%	0.003%
30	4.109	4.082	4.142	VV	145	2684	0.04%	0.007%
31	4.157	4.142	4.168	VV	100	1337	0.02%	0.004%
32	4.200	4.168	4.214	VV	187	3493	0.05%	0.010%
33	4.225	4.214	4.236	VV	171	1522	0.02%	0.004%
34	4.241	4.236	4.261	VV	120	1330	0.02%	0.004%
35	4.271	4.261	4.308	VV	148	2580	0.04%	0.007%
36	4.312	4.308	4.385	VV	117	3957	0.06%	0.011%

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37	4.399	4.385	4.409	VV	129	1342	0.02%	0.004%
38	4.418	4.409	4.431	VV	129	1203		
39	4.457	4.431	4.484	VV	338	5187		
40	4.495	4.484	4.510	VV	130	1438		
41	4.531	4.510	4.549	VV	118	2039		
42	4.572	4.549	4.602	PV	98	2034		
43	4.613	4.602	4.654	VV	102	2516	0.04%	0.007%
44	4.665	4.654	4.728	VV	159	4282	0.06%	0.012%
45	4.742	4.728	4.775	VV	315	4299	0.06%	0.012%
46	4.781	4.775	4.841	VV	91	3703	0.06%	0.010%
47	4.897	4.841	4.911	VV	207	5083	0.08%	0.014%
48	4.921	4.911	4.945	VV	265	2802	0.04%	0.008%
49	4.965	4.945	4.991	VV	282	4447	0.07%	0.012%
50	4.997	4.991	5.009	VV	105	777	0.01%	0.002%
51	5.019	5.009	5.027	VV	68	434	0.01%	0.001%
52	5.045	5.027	5.067	PV	111	1663	0.02%	0.005%
53	5.075	5.067	5.110	VV	134	1724	0.03%	0.005%
54	5.138	5.110	5.157	VV	235	3437	0.05%	0.010%
55	5.214	5.194	5.238	VV	244	3600	0.05%	0.010%
56	5.242	5.238	5.265	VV	190	2000	0.03%	0.006%
57	5.283	5.265	5.365	VV	241	5652	0.08%	0.016%
58	5.377	5.365	5.410	VV	197	3555	0.05%	0.010%
59	5.424	5.410	5.457	VV	248	5250	0.08%	0.015%
60	5.477	5.457	5.516	VV	256	6459	0.10%	0.018%
61	5.530	5.516	5.582	VV	184	4933	0.07%	0.014%
62	5.605	5.582	5.668	PV	1209	19767	0.30%	0.055%
63	5.680	5.668	5.742	VV	161	4560	0.07%	0.013%
64	5.780	5.742	5.839	VV	405	10747	0.16%	0.030%
65	5.866	5.839	5.879	VV	198	2618	0.04%	0.007%
66	5.906	5.879	5.980	VV	510	12561	0.19%	0.035%
67	6.030	6.023	6.065	VV	93	1160	0.02%	0.003%
68	6.084	6.065	6.105	PV	301	2771	0.04%	0.008%
69	6.113	6.105	6.118	VV	119	745	0.01%	0.002%
70	6.136	6.118	6.157	VV	305	3612	0.05%	0.010%
71	6.235	6.221	6.275	VV	355	4362	0.07%	0.012%
72	6.283	6.275	6.305	VV	376	3295	0.05%	0.009%
73	6.346	6.305	6.391	VV	527	12324	0.18%	0.034%
74	6.427	6.391	6.441	VV	278	5107	0.08%	0.014%
75	6.455	6.441	6.488	VV	289	5313	0.08%	0.015%
76	6.511	6.488	6.533	VV	264	4714	0.07%	0.013%
77	6.560	6.533	6.616	VV	448	10216	0.15%	0.028%
78	6.640	6.616	6.685	VV	1990	25889	0.39%	0.072%
79	6.727	6.685	6.740	VV	169	2866	0.04%	0.008%
80	6.757	6.740	6.772	VV	233	2659	0.04%	0.007%
81	6.793	6.772	6.818	VV	1211	14642	0.22%	0.041%
82	6.826	6.818	6.854	VV	332	5076	0.08%	0.014%
83	6.866	6.854	6.880	VV	193	1964	0.03%	0.005%
84	6.895	6.880	6.911	VV	238	2465	0.04%	0.007%
85	6.925	6.911	6.948	VV	420	4750	0.07%	0.013%
86	6.966	6.948	7.015	VV	365	7929	0.12%	0.022%
87	7.046	7.015	7.080	VV	826	12199	0.18%	0.034%
88	7.123	7.080	7.134	VV	242	5625	0.08%	0.016%
89	7.171	7.134	7.192	VV	767	14922	0.22%	0.041%

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90	7.215	7.192	7.241	VV	908	11879	0.18%	0.033%
91	7.262	7.241	7.271	VV	786	8516		
92	7.280	7.271	7.305	VV	822	10201		
93	7.362	7.341	7.401	VV	1592	23115		
94	7.462	7.443	7.480	VV	555	6998		
95	7.490	7.480	7.502	VV	289	2784		
96	7.591	7.502	7.614	VV	4367	75000	1.12%	0.208%
97	7.627	7.614	7.660	VV	620	14518	0.22%	0.040%
98	7.670	7.660	7.697	VV	444	8210	0.12%	0.023%
99	7.712	7.697	7.737	VV	343	5858	0.09%	0.016%
100	7.764	7.737	7.799	VV	1578	28274	0.42%	0.078%
101	7.816	7.799	7.837	VV	525	7055	0.11%	0.020%
102	8.022	8.008	8.040	VV	2000	34247	0.51%	0.095%
103	8.055	8.040	8.093	VV	1744	45736	0.68%	0.127%
104	8.117	8.093	8.139	VV	1386	29452	0.44%	0.082%
105	8.166	8.139	8.183	VV	1660	28105	0.42%	0.078%
106	8.201	8.183	8.212	VV	1768	22236	0.33%	0.062%
107	8.224	8.212	8.246	VV	1894	25185	0.38%	0.070%
108	8.292	8.246	8.326	VV	2473	48631	0.73%	0.135%
109	8.341	8.326	8.360	VV	801	13360	0.20%	0.037%
110	8.382	8.360	8.411	VV	1251	28143	0.42%	0.078%
111	8.516	8.503	8.538	VV	1254	21958	0.33%	0.061%
112	8.577	8.538	8.604	VV	1228	35994	0.54%	0.100%
113	8.630	8.604	8.648	VV	1284	26184	0.39%	0.073%
114	8.659	8.648	8.675	VV	1155	14463	0.22%	0.040%
115	8.694	8.675	8.734	VV	1604	32117	0.48%	0.089%
116	8.880	8.866	8.915	VV	3736	91280	1.37%	0.253%
117	8.924	8.915	8.951	VV	2509	47573	0.71%	0.132%
118	8.969	8.951	8.985	VV	1982	36473	0.55%	0.101%
119	9.016	8.985	9.045	VV	4072	78313	1.17%	0.217%
120	9.070	9.045	9.108	VV	1723	43689	0.65%	0.121%
121	9.130	9.108	9.150	VV	1223	26494	0.40%	0.073%
122	9.165	9.150	9.183	VV	1363	23144	0.35%	0.064%
123	9.389	9.370	9.413	VV	1209	23622	0.35%	0.066%
124	9.453	9.413	9.474	VV	932	26240	0.39%	0.073%
125	9.503	9.474	9.518	VV	949	17330	0.26%	0.048%
126	11.465	11.423	11.501	VV	532	19350	0.29%	0.054%
127	11.535	11.501	11.573	VV	7751	105941	1.59%	0.294%
128	11.580	11.573	11.591	VV	523	5294	0.08%	0.015%
129	11.624	11.591	11.666	VV	3538	59119	0.89%	0.164%
130	11.691	11.666	11.711	VV	408	6034	0.09%	0.017%
131	11.732	11.711	11.763	PV	314	7473	0.11%	0.021%
132	11.775	11.763	11.791	VV	275	4292	0.06%	0.012%
133	11.850	11.791	11.881	VV	146827	1649382	24.70%	4.574%
134	11.894	11.881	11.912	VV	1798	27926	0.42%	0.077%
135	11.931	11.912	11.955	VV	2259	37258	0.56%	0.103%
136	11.970	11.955	11.986	VV	1019	14387	0.22%	0.040%
137	12.013	11.986	12.060	VV	2373	55428	0.83%	0.154%
138	12.080	12.060	12.125	VV	1057	20856	0.31%	0.058%
139	12.142	12.125	12.160	VV	362	4063	0.06%	0.011%
140	12.259	12.238	12.279	VV	984	14821	0.22%	0.041%
141	12.299	12.279	12.358	VV	626	13743	0.21%	0.038%

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142	12.374	12.358	12.383	VV	300	2794	0.04%	0.008%
143	12.398	12.383	12.415	VV	464	6327	0.04%	0.008%
144	12.436	12.415	12.458	VV	514	8171	0.04%	0.008%
145	12.482	12.458	12.500	VV	560	8506	0.04%	0.008%
146	12.512	12.500	12.531	VV	418	5370	0.04%	0.008%
147	12.584	12.531	12.606	VV	860	23604	0.04%	0.008%
148	12.621	12.606	12.651	VV	743	12208	0.18%	0.034%
149	12.683	12.651	12.738	VV	672	18769	0.28%	0.052%
150	12.798	12.738	12.820	PV	1400	31806	0.48%	0.088%
151	13.017	13.007	13.030	VV	216	3164	0.05%	0.009%
152	13.044	13.030	13.064	VV	350	4507	0.07%	0.012%
153	13.073	13.064	13.083	VV	197	1813	0.03%	0.005%
154	13.105	13.083	13.125	VV	1050	14769	0.22%	0.041%
155	13.140	13.125	13.152	VV	552	7609	0.11%	0.021%
156	13.170	13.152	13.188	VV	669	9408	0.14%	0.026%
157	13.295	13.256	13.325	VV	106322	1318701	19.75%	3.657%
158	13.335	13.325	13.380	VV	4353	73744	1.10%	0.205%
159	13.397	13.380	13.437	VV	1083	24248	0.36%	0.067%
160	13.463	13.437	13.491	VV	4934	71343	1.07%	0.198%
161	13.516	13.491	13.532	VV	1042	22300	0.33%	0.062%
162	13.549	13.532	13.597	VV	924	20315	0.30%	0.056%
163	13.634	13.597	13.658	VV	402	8118	0.12%	0.023%
164	13.684	13.658	13.709	VV	1120	19271	0.29%	0.053%
165	13.726	13.709	13.778	VV	467	14628	0.22%	0.041%
166	13.814	13.778	13.838	VV	2076	38486	0.58%	0.107%
167	13.846	13.838	13.868	VV	860	11694	0.18%	0.032%
168	13.878	13.868	13.898	VV	653	9080	0.14%	0.025%
169	13.922	13.898	13.943	VV	1641	28251	0.42%	0.078%
170	13.961	13.943	13.981	VV	1311	22733	0.34%	0.063%
171	14.001	13.981	14.023	VV	1023	18845	0.28%	0.052%
172	14.050	14.023	14.110	VV	4650	96093	1.44%	0.266%
173	16.007	15.964	16.038	VV	518	15967	0.24%	0.044%
174	16.075	16.038	16.093	PV	484	10043	0.15%	0.028%
175	16.118	16.093	16.153	VV	742	19690	0.29%	0.055%
176	16.180	16.153	16.208	VV	3395	58761	0.88%	0.163%
177	16.218	16.208	16.281	VV	1104	30113	0.45%	0.084%
178	16.294	16.281	16.335	VV	456	7982	0.12%	0.022%
179	16.375	16.335	16.408	PV	1084	28153	0.42%	0.078%
180	16.471	16.408	16.508	PV	949	30532	0.46%	0.085%
181	16.537	16.508	16.553	VV	406	7471	0.11%	0.021%
182	16.582	16.553	16.603	VV	705	13012	0.19%	0.036%
183	16.674	16.603	16.748	PV	8560	211376	3.17%	0.586%
184	16.809	16.748	16.833	VV	2104	62212	0.93%	0.173%
185	16.867	16.833	16.913	VV	1237	38711	0.58%	0.107%
186	16.965	16.913	16.973	PV	1165	21195	0.32%	0.059%
187	16.999	16.973	17.038	VV	4043	69580	1.04%	0.193%
188	17.064	17.038	17.098	VV	3958	73247	1.10%	0.203%
189	17.134	17.098	17.199	VV	4177	124834	1.87%	0.346%
190	17.223	17.199	17.261	VV	708	17050	0.26%	0.047%
191	17.304	17.261	17.321	PV	890	17204	0.26%	0.048%
192	17.370	17.321	17.391	VV	1594	32952	0.49%	0.091%
193	17.447	17.391	17.491	VV	2227	56412	0.84%	0.156%
194	17.547	17.491	17.560	VV	1625	37291	0.56%	0.103%

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195	17.585	17.560	17.611	VV	4679	72529	1.09%	0.201%
196	17.617	17.611	17.633	VV	909	8242		
197	17.652	17.633	17.663	VV	968	11186		
198	17.691	17.663	17.714	VV	1373	27819		
199	17.759	17.714	17.774	VV	1338	30604		
200	17.785	17.774	17.803	VV	858	8875		
201	17.818	17.803	17.827	PV	414	3312	0.05%	0.009%
202	17.850	17.827	17.885	VV	1129	18934	0.28%	0.053%
203	18.021	17.885	18.049	PV	6891	166397	2.49%	0.461%
204	18.062	18.049	18.079	VV	901	10640	0.16%	0.030%
205	18.161	18.079	18.229	PV	6068	154141	2.31%	0.427%
206	18.302	18.229	18.316	VV	462	18592	0.28%	0.052%
207	18.356	18.316	18.384	PV	1562	40036	0.60%	0.111%
208	18.447	18.384	18.501	VV	7019	146880	2.20%	0.407%
209	18.528	18.501	18.550	VV	4432	67907	1.02%	0.188%
210	18.568	18.550	18.584	VV	1224	19856	0.30%	0.055%
211	18.708	18.584	18.754	VV	2240	86044	1.29%	0.239%
212	18.856	18.754	18.889	VV	6597	127436	1.91%	0.353%
213	18.951	18.889	18.973	PV	3771	51927	0.78%	0.144%
214	19.001	18.973	19.030	VV	3166	56254	0.84%	0.156%
215	19.155	19.030	19.168	VV	639	28470	0.43%	0.079%
216	19.256	19.168	19.272	PV	5368	116460	1.74%	0.323%
217	19.282	19.272	19.321	VV	3904	69748	1.04%	0.193%
218	19.356	19.321	19.371	VV	2878	55851	0.84%	0.155%
219	19.650	19.371	19.697	VV	8611	731926	10.96%	2.030%
220	19.759	19.697	19.780	VV	7754	296302	4.44%	0.822%
221	20.059	20.035	20.092	VV	13868	443424	6.64%	1.230%
222	20.175	20.092	20.185	VV	15441	761791	11.41%	2.113%
223	20.290	20.185	20.305	VV	21774	1267281	18.98%	3.514%
224	20.386	20.305	20.411	VV	26437	1440752	21.58%	3.996%
225	20.448	20.411	20.468	VV	27202	857123	12.84%	2.377%
226	20.779	20.468	20.788	VV	40626	6677353	100.00%	18.518%
227	20.900	20.788	20.931	VV	43543	3612749	54.10%	10.019%
228	20.966	20.931	20.978	VV	41874	1182626	17.71%	3.280%
229	20.986	20.978	20.998	VV	41011	474610	7.11%	1.316%
230	21.219	21.191	21.261	VV	37943	1589425	23.80%	4.408%
231	21.263	21.261	21.274	VV	36414	273707	4.10%	0.759%
232	21.333	21.274	21.351	VV	36319	1666427	24.96%	4.621%
233	21.369	21.351	21.378	VV	35717	566832	8.49%	1.572%
234	21.406	21.378	21.438	VV	34778	1233521	18.47%	3.421%
235	21.456	21.438	21.474	VV	33433	720272	10.79%	1.997%
236	21.657	21.631	21.678	VV	27062	756274	11.33%	2.097%
237	21.708	21.678	21.720	VV	25468	653356	9.78%	1.812%
238	21.780	21.720	21.811	VV	24612	1333721	19.97%	3.699%
239	21.836	21.811	21.878	VV	23026	883608	13.23%	2.450%
240	22.023	21.967	22.063	VV	16163	882157	13.21%	2.446%

Sum of corrected areas: 36059259

Aliphatic EPH 051425.M Tue May 27 13:20:11 2025

Instrument :

FID_E

ClientSampleId :

HD-02-05222025DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/28/2025

Supervised By :mohammad ahmed 05/29/2025