

Instrument :

FID_E

ClientSampleId :

CHRT25653DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE06162
Data File : FE054403.D
Signal(s) : FID1B.ch
Acq On : 16 Jun 2025 14:16
Sample : Q2328-01DL 25X
Misc :
ALS Vial : 9 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	2.857	2.804	2.901	BV	58	617	0.02%	0.001%
2	2.918	2.901	2.938	PV	67	555	0.02%	0.001%
3	2.956	2.938	2.970	PV	94	598	0.02%	0.001%
4	2.978	2.970	2.991	VV	59	446	0.02%	0.001%
5	3.059	2.991	3.082	VV	160	4648	0.17%	0.006%
6	3.091	3.082	3.107	VV	100	1055	0.04%	0.001%
7	3.142	3.107	3.158	VV	151	2903	0.11%	0.004%
8	3.169	3.158	3.196	VV	161	2845	0.11%	0.004%
9	3.211	3.196	3.251	VV	166	3296	0.12%	0.004%
10	3.266	3.251	3.294	VV	114	2485	0.09%	0.003%
11	3.304	3.294	3.344	VV	105	2502	0.09%	0.003%
12	3.372	3.344	3.389	VV	405	5292	0.20%	0.007%
13	3.396	3.389	3.430	VV	179	3173	0.12%	0.004%
14	3.438	3.430	3.445	VV	159	1033	0.04%	0.001%
15	3.453	3.445	3.468	VV	113	1414	0.05%	0.002%
16	3.474	3.468	3.501	VV	122	2477	0.09%	0.003%
17	3.524	3.501	3.550	VV	186	4150	0.15%	0.006%
18	3.584	3.550	3.602	VV	186	3988	0.15%	0.005%
19	3.671	3.602	3.718	VV	239	10758	0.40%	0.014%
20	3.731	3.718	3.746	VV	171	2172	0.08%	0.003%
21	3.755	3.746	3.765	VV	172	1424	0.05%	0.002%
22	3.804	3.765	3.827	VV	234	5618	0.21%	0.008%
23	3.868	3.827	3.901	VV	589	11240	0.42%	0.015%
24	3.911	3.901	3.953	VV	220	5099	0.19%	0.007%
25	3.972	3.953	4.072	VV	197	9731	0.36%	0.013%
26	4.100	4.072	4.128	VV	142	3860	0.14%	0.005%
27	4.136	4.128	4.223	VV	215	7367	0.27%	0.010%
28	4.233	4.223	4.281	VV	194	4691	0.17%	0.006%
29	4.285	4.281	4.314	VV	204	2558	0.10%	0.003%
30	4.322	4.314	4.391	VV	139	4993	0.19%	0.007%
31	4.394	4.391	4.554	VV	159	10687	0.40%	0.014%
32	4.563	4.554	4.578	VV	172	1645	0.06%	0.002%
33	4.619	4.578	4.644	VV	160	3477	0.13%	0.005%
34	4.665	4.644	4.706	VV	159	3965	0.15%	0.005%
35	4.724	4.706	4.751	VV	161	3138	0.12%	0.004%
36	4.762	4.751	4.798	VV	158	3120	0.12%	0.004%

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37	4.803	4.798	4.816	VV	102	1037	0.04%	0.001%
38	4.829	4.816	4.854	VV	161	2468		
39	4.868	4.854	4.892	VV	163	2530		
40	4.907	4.892	4.928	VV	160	2746		
41	4.950	4.928	4.971	VV	214	3647		
42	4.977	4.971	4.994	VV	146	1304		
43	5.008	4.994	5.104	VV	141	6841	0.26%	0.009%
44	5.111	5.104	5.172	VV	161	3997	0.15%	0.005%
45	5.208	5.172	5.280	PV	131	5731	0.21%	0.008%
46	5.290	5.280	5.334	VV	106	1762	0.07%	0.002%
47	5.342	5.334	5.384	VV	85	2087	0.08%	0.003%
48	5.399	5.384	5.411	VV	106	1025	0.04%	0.001%
49	5.431	5.411	5.481	VV	137	3858	0.14%	0.005%
50	5.490	5.481	5.518	VV	162	1973	0.07%	0.003%
51	5.526	5.518	5.568	VV	97	1856	0.07%	0.002%
52	5.588	5.568	5.624	VV	193	3411	0.13%	0.005%
53	5.633	5.624	5.681	VV	73	2392	0.09%	0.003%
54	5.694	5.681	5.743	VV	140	1845	0.07%	0.002%
55	5.756	5.743	5.801	VV	189	3784	0.14%	0.005%
56	5.813	5.801	5.871	VV	165	3065	0.11%	0.004%
57	5.885	5.871	5.934	VV	162	3535	0.13%	0.005%
58	5.940	5.934	5.970	VV	94	1642	0.06%	0.002%
59	5.982	5.970	6.005	VV	145	1807	0.07%	0.002%
60	6.018	6.005	6.038	VV	81	1253	0.05%	0.002%
61	6.042	6.038	6.051	VV	101	524	0.02%	0.001%
62	6.068	6.051	6.077	VV	144	1436	0.05%	0.002%
63	6.085	6.077	6.098	PV	137	1165	0.04%	0.002%
64	6.103	6.098	6.132	VV	160	2261	0.08%	0.003%
65	6.168	6.132	6.181	VV	116	2418	0.09%	0.003%
66	6.184	6.181	6.191	VV	98	492	0.02%	0.001%
67	6.209	6.191	6.229	VV	158	2400	0.09%	0.003%
68	6.248	6.229	6.278	VV	182	3152	0.12%	0.004%
69	6.299	6.278	6.313	VV	198	2430	0.09%	0.003%
70	6.336	6.313	6.364	VV	170	3702	0.14%	0.005%
71	6.400	6.364	6.492	VV	207	7686	0.29%	0.010%
72	6.548	6.492	6.608	VV	214	8246	0.31%	0.011%
73	6.651	6.608	6.686	VV	132	3825	0.14%	0.005%
74	6.705	6.686	6.727	VV	155	2699	0.10%	0.004%
75	6.740	6.727	6.751	VV	118	1281	0.05%	0.002%
76	6.773	6.751	6.791	VV	285	4690	0.17%	0.006%
77	6.798	6.791	6.834	VV	195	2697	0.10%	0.004%
78	6.867	6.834	6.913	PV	136	3164	0.12%	0.004%
79	6.945	6.913	6.996	VV	221	5128	0.19%	0.007%
80	7.022	6.996	7.057	VV	183	4206	0.16%	0.006%
81	7.079	7.057	7.101	PV	219	3077	0.11%	0.004%
82	7.147	7.101	7.171	VV	322	8308	0.31%	0.011%
83	7.191	7.171	7.222	VV	227	4858	0.18%	0.007%
84	7.256	7.222	7.268	VV	201	4196	0.16%	0.006%
85	7.280	7.268	7.314	VV	224	4171	0.16%	0.006%
86	7.341	7.314	7.384	VV	482	9909	0.37%	0.013%
87	7.438	7.384	7.456	VV	307	7742	0.29%	0.010%
88	7.470	7.456	7.490	VV	216	2571	0.10%	0.003%
89	7.544	7.490	7.560	VV	491	11086	0.41%	0.015%

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90	7.571	7.560	7.591	VV	438	6377	0.24%	0.009%
91	7.609	7.591	7.641	VV	294	7305		
92	7.651	7.641	7.674	VV	181	2914		
93	7.696	7.674	7.711	VV	219	3828		
94	7.744	7.711	7.779	VV	669	14577		
95	7.792	7.779	7.810	VV	218	3013		
96	7.997	7.978	8.028	VV	1788	42851	1.60%	0.058%
97	8.044	8.028	8.068	VV	1293	25800	0.96%	0.035%
98	8.091	8.068	8.108	VV	897	20108	0.75%	0.027%
99	8.138	8.108	8.158	VV	1027	27087	1.01%	0.036%
100	8.178	8.158	8.222	VV	1666	38634	1.44%	0.052%
101	8.243	8.222	8.252	VV	943	13791	0.51%	0.019%
102	8.272	8.252	8.299	VV	1889	36315	1.35%	0.049%
103	8.320	8.299	8.348	VV	1338	30237	1.13%	0.041%
104	8.364	8.348	8.378	VV	1126	18421	0.69%	0.025%
105	8.388	8.378	8.400	VV	1079	13924	0.52%	0.019%
106	8.449	8.400	8.488	VV	1500	68800	2.57%	0.093%
107	8.503	8.488	8.538	VV	1416	38333	1.43%	0.052%
108	8.577	8.538	8.589	VV	3978	65713	2.45%	0.088%
109	8.604	8.589	8.650	VV	5000	91451	3.41%	0.123%
110	8.670	8.650	8.683	VV	1954	32710	1.22%	0.044%
111	8.700	8.683	8.719	VV	1958	37845	1.41%	0.051%
112	8.731	8.719	8.764	VV	1708	40087	1.49%	0.054%
113	8.834	8.764	8.862	VV	4646	195818	7.30%	0.264%
114	8.903	8.862	8.927	VV	6681	155595	5.80%	0.210%
115	8.940	8.927	8.950	VV	3350	43697	1.63%	0.059%
116	8.969	8.950	8.982	VV	5279	79350	2.96%	0.107%
117	8.995	8.982	9.048	VV	5164	134545	5.02%	0.181%
118	9.071	9.048	9.088	VV	3965	76874	2.87%	0.104%
119	9.103	9.088	9.116	VV	3311	52030	1.94%	0.070%
120	9.139	9.116	9.156	VV	3541	77273	2.88%	0.104%
121	9.244	9.224	9.264	VV	4425	92095	3.43%	0.124%
122	9.286	9.264	9.300	VV	4089	79825	2.98%	0.107%
123	9.319	9.300	9.335	VV	4377	83901	3.13%	0.113%
124	9.365	9.335	9.390	VV	4317	126843	4.73%	0.171%
125	9.409	9.390	9.418	VV	3950	62704	2.34%	0.084%
126	9.434	9.418	9.459	VV	4305	93099	3.47%	0.125%
127	9.486	9.459	9.499	VV	4889	101891	3.80%	0.137%
128	9.520	9.499	9.540	VV	4662	111733	4.17%	0.150%
129	9.584	9.540	9.606	VV	7378	223958	8.35%	0.302%
130	9.664	9.606	9.696	VV	12142	379512	14.15%	0.511%
131	9.735	9.696	9.764	VV	8886	285409	10.64%	0.384%
132	9.822	9.764	9.862	VV	7755	387392	14.44%	0.522%
133	9.894	9.862	9.929	VV	7187	272093	10.14%	0.366%
134	9.943	9.929	9.951	VV	7007	90789	3.38%	0.122%
135	9.973	9.951	9.987	VV	8172	165901	6.19%	0.223%
136	10.022	9.987	10.048	VV	9936	322949	12.04%	0.435%
137	10.068	10.048	10.085	VV	10352	207362	7.73%	0.279%
138	10.118	10.085	10.130	VV	9591	249014	9.28%	0.335%
139	10.164	10.130	10.202	VV	10365	418804	15.61%	0.564%
140	10.242	10.202	10.268	VV	11044	402280	15.00%	0.542%
141	10.299	10.268	10.322	VV	11303	355483	13.25%	0.479%

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0.24% 0.009%

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142	10.338	10.322	10.356	VV	11826	234021	8.73%	0.315%
143	10.411	10.356	10.424	VV	13571	505104	18.86%	0.681%
144	10.453	10.424	10.481	VV	25914	638001	23.99%	0.867%
145	10.534	10.481	10.571	VV	16669	835300	33.02%	1.042%
146	10.599	10.571	10.623	VV	18231	504870	18.86%	0.681%
147	10.650	10.623	10.674	VV	15783	466660	17.70%	0.573%
148	10.734	10.674	10.764	VV	18756	930147	34.68%	1.252%
149	10.831	10.816	10.844	VV	21996	357893	13.34%	0.482%
150	10.879	10.844	10.908	VV	54858	1270441	47.37%	1.711%
151	10.926	10.908	10.981	VV	23648	935481	34.88%	1.260%
152	11.004	10.981	11.020	VV	22568	505733	18.86%	0.681%
153	11.040	11.020	11.060	VV	23006	537019	20.02%	0.723%
154	11.077	11.060	11.103	VV	24096	595091	22.19%	0.801%
155	11.201	11.167	11.243	VV	29143	1193397	44.49%	1.607%
156	11.286	11.243	11.304	VV	28378	957630	35.70%	1.289%
157	11.314	11.304	11.322	VV	27112	284158	10.59%	0.383%
158	11.339	11.322	11.352	VV	28256	495777	18.48%	0.668%
159	11.436	11.417	11.447	VV	29187	516974	19.27%	0.696%
160	11.474	11.447	11.491	VV	31019	774031	28.86%	1.042%
161	11.509	11.491	11.548	VV	31684	1028604	38.35%	1.385%
162	11.602	11.548	11.652	VV	65528	2364903	88.17%	3.184%
163	11.665	11.652	11.687	VV	31165	643588	23.99%	0.867%
164	11.714	11.687	11.728	VV	30892	733690	27.35%	0.988%
165	11.825	11.728	11.854	VV	54886	2682182	100.00%	3.611%
166	11.879	11.854	11.898	VV	34391	858920	32.02%	1.157%
167	11.908	11.898	11.934	VV	34117	718709	26.80%	0.968%
168	11.974	11.934	11.984	VV	34164	989199	36.88%	1.332%
169	12.004	11.984	12.024	VV	37217	841068	31.36%	1.132%
170	12.031	12.024	12.048	VV	35075	482492	17.99%	0.650%
171	12.066	12.048	12.101	VV	35821	1125219	41.95%	1.515%
172	12.120	12.101	12.135	VV	36247	698465	26.04%	0.940%
173	12.162	12.135	12.237	VV	47815	2302719	85.85%	3.101%
174	12.291	12.237	12.357	VV	36843	2452659	91.44%	3.302%
175	12.394	12.357	12.422	VV	34878	1304083	48.62%	1.756%
176	12.485	12.422	12.511	VV	34702	1779621	66.35%	2.396%
177	12.542	12.511	12.554	VV	33560	850361	31.70%	1.145%
178	12.571	12.554	12.581	VV	33475	525967	19.61%	0.708%
179	12.595	12.581	12.630	VV	33085	933198	34.79%	1.257%
180	12.682	12.630	12.720	VV	33352	1731335	64.55%	2.331%
181	12.745	12.720	12.798	VV	36667	1541239	57.46%	2.075%
182	12.827	12.798	12.881	VV	36256	1598604	59.60%	2.152%
183	12.890	12.881	12.901	VV	30264	358648	13.37%	0.483%
184	12.921	12.901	12.950	VV	32076	899767	33.55%	1.212%
185	12.969	12.950	12.994	VV	31077	776479	28.95%	1.046%
186	13.011	12.994	13.041	VV	28648	778050	29.01%	1.048%
187	13.078	13.041	13.134	VV	28271	1548811	57.74%	2.085%
188	13.149	13.134	13.168	VV	27792	539998	20.13%	0.727%
189	13.185	13.168	13.223	VV	27291	883792	32.95%	1.190%
190	13.271	13.223	13.296	VV	42120	1333029	49.70%	1.795%
191	13.323	13.296	13.422	VV	32449	2008062	74.87%	2.704%
192	13.440	13.422	13.468	VV	24661	648713	24.19%	0.873%
193	13.475	13.468	13.524	VV	23697	778458	29.02%	1.048%
194	13.539	13.524	13.584	VV	22619	801854	29.90%	1.080%

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195	13.598	13.584	13.627	VV	22118	545641	20.34%	0.735%	
196	13.663	13.627	13.691	VV	24643	858669	32.00%	0.735%	
197	13.711	13.691	13.736	VV	21822	575610	21.49%	0.735%	
198	13.748	13.736	13.792	VV	20444	660666	24.44%	0.735%	
199	13.797	13.792	13.824	VV	18986	358215	13.88%	0.735%	
200	13.828	13.824	13.837	VV	18574	137040	5.95%	0.735%	
201	13.875	13.837	13.908	VV	20010	813897	30.34%	1.096%	
202	13.934	13.908	13.994	VV	20036	938237	34.98%	1.263%	
203	14.021	13.994	14.052	VV	17435	576270	21.49%	0.776%	
204	14.080	14.052	14.098	VV	16246	434249	16.19%	0.585%	
205	14.107	14.098	14.128	VV	15675	277510	10.35%	0.374%	
206	14.169	14.128	14.191	VV	16030	582431	21.71%	0.784%	
207	14.203	14.191	14.218	VV	14526	230235	8.58%	0.310%	
208	14.257	14.218	14.305	VV	17397	794265	29.61%	1.069%	
209	14.315	14.305	14.370	VV	14146	520369	19.40%	0.701%	
210	14.408	14.370	14.567	VV	13318	1394786	52.00%	1.878%	
211	14.592	14.567	14.624	VV	11138	354629	13.22%	0.477%	
212	14.649	14.624	14.691	VV	10523	408451	15.23%	0.550%	
213	14.719	14.691	14.804	VV	10840	654281	24.39%	0.881%	
214	14.834	14.804	14.859	VV	8937	279136	10.41%	0.376%	
215	14.873	14.859	14.938	VV	8409	360958	13.46%	0.486%	
216	14.948	14.938	15.001	VV	7103	260402	9.71%	0.351%	
217	15.014	15.001	15.077	VV	6650	288714	10.76%	0.389%	
218	15.130	15.077	15.237	VV	6228	542327	20.22%	0.730%	
219	15.259	15.237	15.313	VV	5203	210897	7.86%	0.284%	
220	15.323	15.313	15.354	VV	4060	95002	3.54%	0.128%	
221	15.368	15.354	15.408	VV	3913	122485	4.57%	0.165%	
222	15.416	15.408	15.508	VV	3507	186115	6.94%	0.251%	
223	15.525	15.508	15.534	VV	2817	43601	1.63%	0.059%	
224	15.554	15.534	15.626	VV	2930	143592	5.35%	0.193%	
225	15.669	15.626	15.693	VV	3045	106373	3.97%	0.143%	
226	15.711	15.693	15.864	VV	2734	167099	6.23%	0.225%	
227	15.874	15.864	15.909	VV	1171	28892	1.08%	0.039%	
228	15.913	15.909	15.935	VV	1107	15083	0.56%	0.020%	
229	15.963	15.935	16.078	VV	1176	73796	2.75%	0.099%	
230	16.114	16.078	16.133	VV	856	21024	0.78%	0.028%	
231	16.156	16.133	16.261	VV	1080	43853	1.63%	0.059%	
232	16.272	16.261	16.277	VV	261	2174	0.08%	0.003%	
233	16.285	16.277	16.317	VV	280	4939	0.18%	0.007%	
234	16.354	16.317	16.417	VV	416	12461	0.46%	0.017%	
235	16.473	16.417	16.504	PV	823	14869	0.55%	0.020%	
236	16.515	16.504	16.548	VV	165	1770	0.07%	0.002%	
237	16.638	16.548	16.661	PV	644	20464	0.76%	0.028%	
238	16.713	16.661	16.736	VV	419	11872	0.44%	0.016%	
239	16.801	16.736	16.841	VV	470	12099	0.45%	0.016%	
240	16.855	16.841	16.907	VV	213	4298	0.16%	0.006%	
241	16.937	16.907	16.951	PV	97	1439	0.05%	0.002%	
242	16.993	16.951	17.026	VV	210	5513	0.21%	0.007%	
243	17.075	17.026	17.087	PV	455	8579	0.32%	0.012%	
244	17.108	17.087	17.133	VV	652	11154	0.42%	0.015%	
245	17.150	17.133	17.164	VV	218	3153	0.12%	0.004%	
246	17.189	17.164	17.207	VV	198	3379	0.13%	0.005%	

Instrument :

FID_E

ClientSampleId :

CHRT25653DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

rtetes								
247	17.219	17.207	17.227	VV	87	834	0.03%	0.001%
248	17.340	17.227	17.371	PV	211	6725		
249	17.428	17.371	17.463	PV	217	4611		
250	17.556	17.463	17.594	VV	1075	26312		
251	17.759	17.594	17.792	VV	440	25997		
252	17.820	17.792	17.853	VV	269	6937		
253	17.926	17.853	17.942	VV	599	18767	0.70%	0.025%
254	17.994	17.942	18.018	VV	947	30297	1.13%	0.041%
255	18.169	18.018	18.208	VV	1475	109682	4.09%	0.148%
256	18.317	18.208	18.358	VV	2002	122310	4.56%	0.165%
257	18.420	18.358	18.451	VV	2351	103057	3.84%	0.139%
258	18.498	18.451	18.538	VV	2141	100163	3.73%	0.135%
259	18.651	18.538	18.664	VV	2272	154258	5.75%	0.208%
260	18.974	18.851	18.989	VV	4106	299193	11.15%	0.403%
261	19.015	18.989	19.030	VV	4156	100588	3.75%	0.135%
262	19.195	19.030	19.208	VV	6061	522714	19.49%	0.704%
Sum of corrected areas:					74268093			

Instrument :

FID_E

ClientSampleId :

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Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Aliphatic EPH 061025.M Mon Jun 16 14:52:58 2025