

rteres

Instrument :

FID_E

ClientSampleId :

Z-05A-EPHDL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2025

Supervised By :mohammad ahmed 04/09/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE04072
Data File : FE053208.D
Signal(s) : FID1B.ch
Acq On : 07 Apr 2025 11:43
Sample : Q1712-02DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.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	2.883	2.804	2.931	BV	112	3439	0.06%	0.004%
2	2.933	2.931	2.968	VV	109	1023	0.02%	0.001%
3	2.975	2.968	3.002	VV	102	1458	0.03%	0.002%
4	3.016	3.002	3.024	PV	90	730	0.01%	0.001%
5	3.069	3.024	3.112	VV	430	9799	0.17%	0.013%
6	3.136	3.112	3.160	VV	192	4270	0.08%	0.006%
7	3.172	3.160	3.181	VV	224	2013	0.04%	0.003%
8	3.198	3.181	3.211	VV	243	3377	0.06%	0.004%
9	3.234	3.211	3.263	VV	327	7394	0.13%	0.010%
10	3.291	3.263	3.308	VV	243	5113	0.09%	0.007%
11	3.315	3.308	3.342	VV	211	3906	0.07%	0.005%
12	3.378	3.342	3.399	VV	255	7819	0.14%	0.010%
13	3.428	3.399	3.541	VV	1839	36586	0.65%	0.048%
14	3.547	3.541	3.564	VV	292	3712	0.07%	0.005%
15	3.593	3.564	3.618	VV	2580	31819	0.56%	0.041%
16	3.628	3.618	3.634	VV	347	2781	0.05%	0.004%
17	3.654	3.634	3.666	VV	437	7074	0.12%	0.009%
18	3.680	3.666	3.701	VV	467	7574	0.13%	0.010%
19	3.720	3.701	3.778	VV	1341	25630	0.45%	0.033%
20	3.798	3.778	3.809	VV	315	5009	0.09%	0.007%
21	3.837	3.809	3.862	VV	785	14147	0.25%	0.018%
22	3.871	3.862	3.898	VV	283	5869	0.10%	0.008%
23	3.922	3.898	3.997	VV	2616	39075	0.69%	0.051%
24	4.080	3.997	4.135	VV	639	24687	0.44%	0.032%
25	4.158	4.135	4.171	VV	270	5123	0.09%	0.007%
26	4.229	4.171	4.261	VV	480	17273	0.31%	0.022%
27	4.268	4.261	4.328	VV	324	11674	0.21%	0.015%
28	4.337	4.328	4.347	VV	311	2891	0.05%	0.004%
29	4.369	4.347	4.440	VV	340	14490	0.26%	0.019%
30	4.455	4.440	4.468	VV	265	3827	0.07%	0.005%
31	4.498	4.468	4.528	VV	328	9359	0.17%	0.012%
32	4.534	4.528	4.564	VV	275	4912	0.09%	0.006%
33	4.583	4.564	4.597	VV	343	4761	0.08%	0.006%
34	4.619	4.597	4.639	VV	327	5967	0.11%	0.008%
35	4.654	4.639	4.696	VV	346	7678	0.14%	0.010%
36	4.730	4.696	4.778	VV	515	14363	0.25%	0.019%

					retention				
37	4.834	4.778	4.870	VV	322	12867	0.23%	0.017%	
38	4.917	4.870	4.934	VV	383	10628			
39	4.999	4.934	5.031	VV	295	13553			
40	5.047	5.031	5.074	VV	267	4919			
41	5.082	5.074	5.091	VV	188	1684			
42	5.112	5.091	5.134	VV	183	4106			
43	5.142	5.134	5.158	VV	268	2727	0.05%	0.004%	
44	5.168	5.158	5.238	VV	246	8494	0.15%	0.011%	
45	5.259	5.238	5.288	VV	313	5558	0.10%	0.007%	
46	5.298	5.288	5.309	VV	212	2023	0.04%	0.003%	
47	5.319	5.309	5.372	VV	168	5006	0.09%	0.007%	
48	5.392	5.372	5.508	VV	180	8545	0.15%	0.011%	
49	5.518	5.508	5.540	VV	109	1184	0.02%	0.002%	
50	5.642	5.540	5.658	VV	270	5824	0.10%	0.008%	
51	5.672	5.658	5.685	VV	140	1676	0.03%	0.002%	
52	5.703	5.685	5.818	VV	141	6318	0.11%	0.008%	
53	5.838	5.818	5.891	VV	197	4910	0.09%	0.006%	
54	5.934	5.891	5.981	PV	544	12016	0.21%	0.016%	
55	5.992	5.981	6.022	VV	237	3824	0.07%	0.005%	
56	6.028	6.022	6.061	VV	120	2503	0.04%	0.003%	
57	6.070	6.061	6.094	VV	138	2074	0.04%	0.003%	
58	6.125	6.094	6.187	VV	246	7534	0.13%	0.010%	
59	6.216	6.187	6.334	VV	30791	394962	6.98%	0.514%	
60	6.364	6.334	6.384	VV	559	12440	0.22%	0.016%	
61	6.394	6.384	6.430	VV	408	7891	0.14%	0.010%	
62	6.443	6.430	6.458	VV	363	4992	0.09%	0.007%	
63	6.462	6.458	6.504	VV	382	7154	0.13%	0.009%	
64	6.535	6.504	6.588	VV	291	11445	0.20%	0.015%	
65	6.595	6.588	6.636	VV	259	5962	0.11%	0.008%	
66	6.656	6.636	6.665	VV	190	2933	0.05%	0.004%	
67	6.696	6.665	6.744	VV	305	10323	0.18%	0.013%	
68	6.751	6.744	6.784	VV	205	3625	0.06%	0.005%	
69	6.799	6.784	6.840	VV	242	4945	0.09%	0.006%	
70	6.853	6.840	6.921	VV	151	3970	0.07%	0.005%	
71	6.964	6.921	6.995	PV	225	4333	0.08%	0.006%	
72	7.020	6.995	7.071	VV	172	4493	0.08%	0.006%	
73	7.085	7.071	7.107	VV	287	3427	0.06%	0.004%	
74	7.129	7.107	7.144	VV	139	2149	0.04%	0.003%	
75	7.184	7.144	7.204	VV	116	2491	0.04%	0.003%	
76	7.223	7.204	7.241	VV	300	4221	0.07%	0.005%	
77	7.251	7.241	7.292	VV	256	5096	0.09%	0.007%	
78	7.319	7.292	7.385	VV	13737	180954	3.20%	0.236%	
79	7.410	7.385	7.430	VV	670	15472	0.27%	0.020%	
80	7.455	7.430	7.591	VV	14654	191676	3.39%	0.250%	
81	7.602	7.591	7.613	VV	303	3310	0.06%	0.004%	
82	7.625	7.613	7.683	VV	352	10789	0.19%	0.014%	
83	7.694	7.683	7.788	VV	769	9363	0.17%	0.012%	
84	7.804	7.788	7.831	VV	196	3348	0.06%	0.004%	
85	7.836	7.831	7.899	VV	155	3488	0.06%	0.005%	
86	8.063	8.034	8.144	VV	3857	75218	1.33%	0.098%	
87	8.159	8.144	8.184	VV	392	7358	0.13%	0.010%	
88	8.222	8.184	8.254	VV	3046	48428	0.86%	0.063%	
89	8.266	8.254	8.279	VV	550	6998	0.12%	0.009%	

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90	8.332	8.279	8.382	VV	4591	110003	1.94%	0.143%
91	8.439	8.382	8.455	VV	14457	172933		
92	8.467	8.455	8.567	VV	7522	123871		
93	8.624	8.567	8.694	VV	11511	249651		
94	8.717	8.694	8.746	VV	3583	42836		
95	8.763	8.746	8.801	VV	844	11112		
96	8.883	8.870	8.901	VV	2147	32363	0.57%	0.042%
97	8.923	8.901	8.954	VV	34265	376767	6.66%	0.491%
98	8.974	8.954	9.014	VV	4256	67970	1.20%	0.089%
99	9.045	9.014	9.076	VV	1846	37626	0.66%	0.049%
100	9.089	9.076	9.104	VV	784	11290	0.20%	0.015%
101	9.115	9.104	9.138	VV	835	10754	0.19%	0.014%
102	9.167	9.138	9.182	VV	6857	81904	1.45%	0.107%
103	9.201	9.182	9.276	VV	24359	345421	6.10%	0.450%
104	9.294	9.276	9.318	VV	1924	32255	0.57%	0.042%
105	9.340	9.318	9.360	VV	4909	63197	1.12%	0.082%
106	9.381	9.360	9.432	VV	5506	81561	1.44%	0.106%
107	9.446	9.432	9.464	VV	279	4115	0.07%	0.005%
108	9.496	9.464	9.514	VV	5650	68155	1.20%	0.089%
109	9.530	9.514	9.564	VV	4203	52716	0.93%	0.069%
110	9.582	9.564	9.597	VV	1338	16267	0.29%	0.021%
111	9.633	9.597	9.658	VV	5150	80510	1.42%	0.105%
112	9.676	9.658	9.690	VV	1456	18434	0.33%	0.024%
113	9.717	9.690	9.772	VV	41987	523755	9.26%	0.682%
114	9.796	9.772	9.813	VV	5263	71249	1.26%	0.093%
115	9.838	9.813	9.850	VV	4983	72764	1.29%	0.095%
116	9.868	9.850	9.909	VV	11303	180664	3.19%	0.235%
117	9.929	9.909	9.970	VV	7119	110317	1.95%	0.144%
118	10.001	9.970	10.020	VV	2961	54812	0.97%	0.071%
119	10.042	10.020	10.079	VV	11750	173181	3.06%	0.226%
120	10.095	10.079	10.111	VV	2646	36973	0.65%	0.048%
121	10.144	10.111	10.188	VV	13086	238134	4.21%	0.310%
122	10.205	10.188	10.224	VV	3308	47814	0.84%	0.062%
123	10.238	10.224	10.266	VV	1980	31030	0.55%	0.040%
124	10.311	10.266	10.378	VV	2260	55481	0.98%	0.072%
125	10.467	10.378	10.501	PV	2240	44730	0.79%	0.058%
126	10.520	10.501	10.554	VV	1936	36254	0.64%	0.047%
127	10.607	10.554	10.629	VV	10775	224369	3.96%	0.292%
128	10.647	10.629	10.685	VV	7864	110478	1.95%	0.144%
129	10.723	10.685	10.758	VV	7958	154187	2.72%	0.201%
130	10.781	10.758	10.834	VV	27550	405717	7.17%	0.528%
131	10.860	10.834	10.872	VV	3486	54754	0.97%	0.071%
132	10.895	10.872	10.907	VV	8630	114435	2.02%	0.149%
133	10.931	10.907	10.986	VV	25175	479931	8.48%	0.625%
134	11.000	10.986	11.012	VV	3148	42442	0.75%	0.055%
135	11.029	11.012	11.047	VV	5807	72000	1.27%	0.094%
136	11.062	11.047	11.080	VV	2811	42330	0.75%	0.055%
137	11.132	11.080	11.180	VV	487429	5537036	97.84%	7.211%
138	11.205	11.180	11.278	VV	80951	1038577	18.35%	1.353%
139	11.305	11.278	11.333	VV	1960	51505	0.91%	0.067%
140	11.346	11.333	11.364	VV	1382	19109	0.34%	0.025%
141	11.391	11.364	11.404	VV	2888	45624	0.81%	0.059%

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					rters			
142	11.425	11.404	11.464	VV	21799	315860	5.58%	0.411%
143	11.494	11.464	11.510	VV	2719	57959		
144	11.531	11.510	11.551	VV	3568	64343		
145	11.567	11.551	11.594	VV	2306	41870		
146	11.659	11.594	11.697	VV	18514	376414		
147	11.733	11.697	11.759	VV	6127	119399		
148	11.785	11.759	11.809	VV	10497	159129	2.81%	0.207%
149	11.829	11.809	11.850	VV	7009	93405	1.65%	0.122%
150	11.896	11.850	11.915	VV	62869	729435	12.89%	0.950%
151	11.936	11.915	11.951	VV	67885	793137	14.02%	1.033%
152	11.967	11.951	12.007	VV	79899	963786	17.03%	1.255%
153	12.050	12.007	12.068	VV	49918	796418	14.07%	1.037%
154	12.085	12.068	12.099	VV	47792	553015	9.77%	0.720%
155	12.116	12.099	12.155	VV	60223	746726	13.20%	0.973%
156	12.203	12.155	12.238	VV	2391	82376	1.46%	0.107%
157	12.266	12.238	12.283	VV	3306	68323	1.21%	0.089%
158	12.305	12.283	12.383	VV	25546	476813	8.43%	0.621%
159	12.409	12.383	12.455	VV	34431	496161	8.77%	0.646%
160	12.472	12.455	12.518	VV	5992	107007	1.89%	0.139%
161	12.556	12.518	12.577	VV	8120	117622	2.08%	0.153%
162	12.591	12.577	12.601	VV	2615	31382	0.55%	0.041%
163	12.617	12.601	12.630	VV	3722	49461	0.87%	0.064%
164	12.660	12.630	12.674	VV	9934	162125	2.86%	0.211%
165	12.685	12.674	12.710	VV	8762	131475	2.32%	0.171%
166	12.731	12.710	12.771	VV	16702	316696	5.60%	0.412%
167	12.798	12.771	12.819	VV	22088	320011	5.65%	0.417%
168	12.842	12.819	12.862	VV	45154	606049	10.71%	0.789%
169	12.878	12.862	12.894	VV	20013	311236	5.50%	0.405%
170	12.905	12.894	12.929	VV	17676	256055	4.52%	0.333%
171	12.961	12.929	13.017	VV	469253	5658991	100.00%	7.370%
172	13.055	13.017	13.072	VV	4888	99574	1.76%	0.130%
173	13.116	13.072	13.129	VV	13760	275999	4.88%	0.359%
174	13.145	13.129	13.161	VV	20270	253682	4.48%	0.330%
175	13.175	13.161	13.231	VV	15855	340200	6.01%	0.443%
176	13.261	13.231	13.293	VV	384471	4661135	82.37%	6.071%
177	13.314	13.293	13.325	VV	31948	381193	6.74%	0.496%
178	13.343	13.325	13.377	VV	69957	943453	16.67%	1.229%
179	13.431	13.377	13.451	VV	15431	305554	5.40%	0.398%
180	13.463	13.451	13.487	VV	6050	89583	1.58%	0.117%
181	13.529	13.487	13.571	VV	18992	410194	7.25%	0.534%
182	13.591	13.571	13.631	VV	9272	178017	3.15%	0.232%
183	13.657	13.631	13.670	VV	11962	149918	2.65%	0.195%
184	13.683	13.670	13.696	VV	11200	147973	2.61%	0.193%
185	13.719	13.696	13.746	VV	31559	506589	8.95%	0.660%
186	13.754	13.746	13.794	VV	5484	97862	1.73%	0.127%
187	13.850	13.794	13.891	VV	56073	1076985	19.03%	1.403%
188	13.917	13.891	13.936	VV	14042	200233	3.54%	0.261%
189	13.959	13.936	13.977	VV	19145	267371	4.72%	0.348%
190	13.998	13.977	14.022	VV	38316	534806	9.45%	0.697%
191	14.035	14.022	14.065	VV	10723	184411	3.26%	0.240%
192	14.127	14.065	14.149	VV	36063	753374	13.31%	0.981%
193	14.168	14.149	14.214	VV	31795	462349	8.17%	0.602%
194	14.250	14.214	14.271	VV	5160	118625	2.10%	0.154%

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195	14.291	14.271	14.311	VV	3838	76245	1.35%	0.099%
196	14.329	14.311	14.347	VV	3621	61085		
197	14.358	14.347	14.402	VV	2541	52362		
198	14.438	14.402	14.474	PV	3746	62856		
199	14.489	14.474	14.503	VV	1151	15578		
200	14.554	14.503	14.571	VV	9108	258672		
201	14.595	14.571	14.645	VV	34092	588397	10.40%	0.766%
202	14.665	14.645	14.678	VV	6235	102379	1.81%	0.133%
203	14.691	14.678	14.740	VV	8198	175955	3.11%	0.229%
204	14.768	14.740	14.805	VV	34707	605073	10.69%	0.788%
205	14.830	14.805	14.859	VV	50538	780798	13.80%	1.017%
206	14.901	14.859	14.936	VV	28327	643987	11.38%	0.839%
207	14.953	14.936	14.973	VV	7656	125399	2.22%	0.163%
208	14.989	14.973	14.998	VV	5263	70280	1.24%	0.092%
209	15.019	14.998	15.079	VV	9756	261882	4.63%	0.341%
210	15.148	15.079	15.168	VV	165228	2286465	40.40%	2.978%
211	15.189	15.168	15.269	VV	178014	2577253	45.54%	3.357%
212	15.307	15.269	15.365	VV	24087	556585	9.84%	0.725%
213	15.393	15.365	15.424	VV	4531	120389	2.13%	0.157%
214	15.457	15.424	15.473	VV	11321	180181	3.18%	0.235%
215	15.492	15.473	15.561	VV	11731	303356	5.36%	0.395%
216	15.600	15.561	15.671	VV	8148	272308	4.81%	0.355%
217	15.732	15.671	15.754	VV	5837	161866	2.86%	0.211%
218	15.779	15.754	15.797	VV	7761	124756	2.20%	0.162%
219	15.822	15.797	15.845	VV	40819	591982	10.46%	0.771%
220	15.861	15.845	15.898	VV	19534	357910	6.32%	0.466%
221	15.931	15.898	15.941	VV	7364	157541	2.78%	0.205%
222	15.980	15.941	16.034	VV	16734	569414	10.06%	0.742%
223	16.059	16.034	16.089	VV	7736	145908	2.58%	0.190%
224	16.103	16.089	16.124	VV	2621	37495	0.66%	0.049%
225	16.147	16.124	16.184	VV	6700	100764	1.78%	0.131%
226	16.228	16.184	16.302	VV	5253	143357	2.53%	0.187%
227	16.324	16.302	16.342	VV	1168	16810	0.30%	0.022%
228	16.358	16.342	16.374	PV	777	9599	0.17%	0.013%
229	16.380	16.374	16.390	VV	502	3919	0.07%	0.005%
230	16.425	16.390	16.443	VV	4888	83685	1.48%	0.109%
231	16.461	16.443	16.483	VV	5812	92582	1.64%	0.121%
232	16.524	16.483	16.552	VV	6045	167211	2.95%	0.218%
233	16.575	16.552	16.601	VV	3464	81504	1.44%	0.106%
234	16.628	16.601	16.650	VV	6690	130152	2.30%	0.170%
235	16.716	16.650	16.818	VV	138257	3279832	57.96%	4.272%
236	16.846	16.818	16.931	VV	21599	448275	7.92%	0.584%
237	17.037	16.931	17.070	PV	74908	1380967	24.40%	1.799%
238	17.098	17.070	17.167	VV	85661	1650231	29.16%	2.149%
239	17.199	17.167	17.232	VV	23091	451463	7.98%	0.588%
240	17.248	17.232	17.284	VV	6330	128598	2.27%	0.167%
241	17.342	17.284	17.385	VV	8516	318832	5.63%	0.415%
242	17.398	17.385	17.423	VV	4091	69362	1.23%	0.090%
243	17.467	17.423	17.539	VV	8720	330155	5.83%	0.430%
244	17.598	17.539	17.610	PV	7798	144003	2.54%	0.188%
245	17.628	17.610	17.662	VV	8949	178481	3.15%	0.232%
246	17.691	17.662	17.732	VV	4196	135708	2.40%	0.177%

Instrument :

FID_E

ClientSampleId :

Z-05A-EPHDL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2025

Supervised By :mohammad ahmed 04/09/2025

					rters			
247	17.759	17.732	17.784	VV	6740	150168	2.65%	0.196%
248	17.793	17.784	17.841	VV	4016	86421		
249	17.862	17.841	17.878	VV	1221	21286		
250	17.897	17.878	17.933	VV	1142	29579		
251	17.968	17.933	17.994	VV	988	19826		
252	18.072	17.994	18.132	PV	6441	180346		
253	18.191	18.132	18.231	VV	4664	153825	2.72%	0.200%
254	18.257	18.231	18.353	VV	4148	187305	3.31%	0.244%
255	18.391	18.353	18.445	VV	9707	305445	5.40%	0.398%
256	18.487	18.445	18.589	VV	26185	1144350	20.22%	1.490%
257	18.641	18.589	18.700	VV	7086	370558	6.55%	0.483%
258	18.737	18.700	18.842	VV	21647	746541	13.19%	0.972%
259	18.908	18.842	18.949	VV	6093	203141	3.59%	0.265%
260	19.007	18.949	19.024	VV	856	17250	0.30%	0.022%
261	19.056	19.024	19.116	VV	1095	27331	0.48%	0.036%
262	19.172	19.116	19.194	PV	958	24010	0.42%	0.031%
263	19.261	19.194	19.273	VV	863	26226	0.46%	0.034%
264	19.308	19.273	19.371	VV	3959	91685	1.62%	0.119%
265	19.442	19.371	19.483	PV	1195	45404	0.80%	0.059%
266	19.507	19.483	19.534	VV	689	14589	0.26%	0.019%
267	19.603	19.534	19.621	VV	386	13989	0.25%	0.018%
268	19.696	19.621	19.738	PV	3199	54627	0.97%	0.071%
269	19.981	19.738	20.004	VV	5832	308192	5.45%	0.401%
270	20.071	20.004	20.145	VV	7330	432228	7.64%	0.563%
271	20.440	20.145	20.468	VV	8960	1030159	18.20%	1.342%
272	20.799	20.468	20.818	VV	12849	1887338	33.35%	2.458%
273	21.177	20.818	21.238	VV	13349	3037627	53.68%	3.956%
274	21.519	21.238	21.548	VV	8436	1884006	33.29%	2.454%
275	21.817	21.548	21.928	VV	6047	1384918	24.47%	1.804%
276	21.983	21.928	22.001	VV	1513	79274	1.40%	0.103%
277	22.015	22.001	22.041	VV	701	12197	0.22%	0.016%
Sum of corrected areas:						76780650		

Instrument :
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Aliphatic EPH 032925.M Tue Apr 08 02:16:52 2025