

Instrument :

FID_E

ClientSampleId :

ARS20-0039DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/15/2025

Supervised By :mohammad ahmed 07/16/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE07142
Data File : FE054840.D
Signal(s) : FID1B.ch
Acq On : 14 Jul 2025 12:54
Sample : Q2564-05DL 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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	2.843	2.804	2.891	BV	100	1192	0.03%	0.001%
2	2.894	2.891	2.904	VV	56	262	0.01%	0.000%
3	2.909	2.904	2.941	VV	74	879	0.02%	0.001%
4	2.948	2.941	2.970	VV	117	1081	0.03%	0.001%
5	2.986	2.970	3.040	PV	103	2814	0.07%	0.003%
6	3.064	3.040	3.098	VV	163	3305	0.09%	0.004%
7	3.113	3.098	3.144	VV	86	1802	0.05%	0.002%
8	3.162	3.144	3.188	PV	143	2134	0.06%	0.002%
9	3.195	3.188	3.205	VV	124	1003	0.03%	0.001%
10	3.238	3.205	3.278	VV	128	4435	0.11%	0.005%
11	3.296	3.278	3.309	VV	182	2702	0.07%	0.003%
12	3.327	3.309	3.421	VV	176	7497	0.19%	0.008%
13	3.425	3.421	3.431	VV	141	733	0.02%	0.001%
14	3.443	3.431	3.521	VV	243	6485	0.17%	0.007%
15	3.539	3.521	3.644	VV	176	10875	0.28%	0.012%
16	3.660	3.644	3.694	VV	202	4459	0.12%	0.005%
17	3.707	3.694	3.721	VV	152	2252	0.06%	0.002%
18	3.727	3.721	3.761	VV	139	3207	0.08%	0.004%
19	3.785	3.761	3.805	VV	566	7683	0.20%	0.009%
20	3.830	3.805	3.844	VV	194	3015	0.08%	0.003%
21	3.898	3.844	3.959	VV	288	10918	0.28%	0.012%
22	4.012	3.959	4.072	VV	286	9189	0.24%	0.010%
23	4.112	4.072	4.160	VV	252	7554	0.19%	0.008%
24	4.182	4.160	4.208	VV	179	3701	0.10%	0.004%
25	4.221	4.208	4.298	VV	180	6520	0.17%	0.007%
26	4.331	4.298	4.364	VV	233	5956	0.15%	0.007%
27	4.416	4.364	4.499	VV	256	11597	0.30%	0.013%
28	4.507	4.499	4.524	VV	170	2128	0.05%	0.002%
29	4.571	4.524	4.674	VV	252	12899	0.33%	0.014%
30	4.692	4.674	4.708	VV	245	3527	0.09%	0.004%
31	4.726	4.708	4.753	VV	210	4154	0.11%	0.005%
32	4.762	4.753	4.785	VV	241	3436	0.09%	0.004%
33	4.799	4.785	4.844	VV	249	5095	0.13%	0.006%
34	4.858	4.844	4.868	VV	152	1843	0.05%	0.002%
35	4.915	4.868	4.955	VV	281	8213	0.21%	0.009%
36	4.966	4.955	4.988	VV	210	2747	0.07%	0.003%

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37	5.001	4.988	5.013	VV	203	2129	0.05%	0.002%
38	5.031	5.013	5.044	VV	182	2754		
39	5.057	5.044	5.088	VV	219	3851		
40	5.100	5.088	5.154	VV	229	5490		
41	5.157	5.154	5.174	VV	183	1076		
42	5.214	5.174	5.249	VV	138	3451		
43	5.272	5.249	5.306	VV	85	2015	0.05%	0.002%
44	5.339	5.306	5.351	VV	106	1773	0.05%	0.002%
45	5.364	5.351	5.411	VV	112	2664	0.07%	0.003%
46	5.423	5.411	5.461	VV	130	1944	0.05%	0.002%
47	5.469	5.461	5.484	VV	86	868	0.02%	0.001%
48	5.502	5.484	5.522	VV	106	1623	0.04%	0.002%
49	5.534	5.522	5.551	VV	130	1501	0.04%	0.002%
50	5.559	5.551	5.571	VV	120	881	0.02%	0.001%
51	5.589	5.571	5.611	VV	120	2007	0.05%	0.002%
52	5.626	5.611	5.771	PV	178	6036	0.16%	0.007%
53	5.822	5.771	5.876	VV	98	3926	0.10%	0.004%
54	5.956	5.876	6.008	VV	105	4543	0.12%	0.005%
55	6.022	6.008	6.064	VV	83	1525	0.04%	0.002%
56	6.133	6.064	6.316	PV	143	4179	0.11%	0.005%
57	6.338	6.316	6.377	VV	106	1812	0.05%	0.002%
58	6.403	6.377	6.434	VV	376	4333	0.11%	0.005%
59	6.509	6.434	6.541	VV	162	5680	0.15%	0.006%
60	6.552	6.541	6.578	VV	145	1943	0.05%	0.002%
61	6.600	6.578	6.624	VV	134	2340	0.06%	0.003%
62	6.633	6.624	6.671	VV	139	2661	0.07%	0.003%
63	6.692	6.671	6.755	VV	199	5344	0.14%	0.006%
64	6.814	6.755	6.844	PV	202	6759	0.17%	0.007%
65	6.850	6.844	6.891	VV	179	2510	0.06%	0.003%
66	6.915	6.891	7.027	VV	136	6439	0.17%	0.007%
67	7.053	7.027	7.104	PV	128	2154	0.06%	0.002%
68	7.134	7.104	7.178	VV	194	2507	0.06%	0.003%
69	7.198	7.178	7.228	PV	159	2269	0.06%	0.003%
70	7.273	7.228	7.304	PV	183	3528	0.09%	0.004%
71	7.339	7.304	7.354	VV	194	2628	0.07%	0.003%
72	7.374	7.354	7.415	VV	261	5713	0.15%	0.006%
73	7.438	7.415	7.478	VV	319	6593	0.17%	0.007%
74	7.537	7.478	7.558	VV	282	8899	0.23%	0.010%
75	7.587	7.558	7.658	VV	292	10456	0.27%	0.012%
76	7.686	7.658	7.704	VV	371	6432	0.17%	0.007%
77	7.720	7.704	7.747	VV	328	5797	0.15%	0.006%
78	7.798	7.747	7.845	VV	441	17222	0.44%	0.019%
79	7.993	7.845	8.056	VV	810	47955	1.24%	0.053%
80	8.205	8.184	8.224	VV	909	17513	0.45%	0.019%
81	8.254	8.224	8.288	VV	1816	46303	1.19%	0.051%
82	8.302	8.288	8.323	VV	1257	22684	0.59%	0.025%
83	8.396	8.323	8.414	VV	1730	67820	1.75%	0.075%
84	8.437	8.414	8.478	VV	2881	70150	1.81%	0.078%
85	8.508	8.478	8.528	VV	2308	56881	1.47%	0.063%
86	8.583	8.528	8.610	VV	2777	106721	2.75%	0.118%
87	8.627	8.610	8.644	VV	2488	46650	1.20%	0.052%
88	8.689	8.644	8.757	VV	4319	205116	5.29%	0.227%
89	8.788	8.757	8.821	VV	3239	112545	2.90%	0.125%

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					rters				
90	8.866	8.821	8.902	VV	12106	265482	6.85%	0.294%	
91	8.922	8.902	8.936	VV	4368	78200			
92	8.968	8.936	8.991	VV	5148	152731			
93	9.058	9.038	9.073	VV	5163	102240			
94	9.099	9.073	9.144	VV	8675	259307			
95	9.166	9.144	9.189	VV	16331	263549			
96	9.232	9.189	9.259	VV	13013	354415	9.14%	0.393%	
97	9.274	9.259	9.294	VV	6893	133516	3.44%	0.148%	
98	9.503	9.488	9.541	VV	9639	282589	7.29%	0.313%	
99	9.574	9.541	9.591	VV	9656	262893	6.78%	0.291%	
100	9.614	9.591	9.648	VV	10362	319480	8.24%	0.354%	
101	9.685	9.648	9.718	VV	10165	395512	10.20%	0.438%	
102	9.761	9.718	9.801	VV	11737	543652	14.02%	0.602%	
103	9.848	9.801	9.874	VV	15093	574714	14.82%	0.637%	
104	9.930	9.874	9.960	VV	27180	832523	21.47%	0.923%	
105	9.986	9.960	10.034	VV	17120	672604	17.35%	0.745%	
106	10.102	10.034	10.121	VV	15359	762280	19.66%	0.845%	
107	10.185	10.121	10.204	VV	16552	763969	19.70%	0.847%	
108	10.226	10.204	10.243	VV	16975	378909	9.77%	0.420%	
109	10.281	10.243	10.301	VV	18471	598537	15.44%	0.663%	
110	10.324	10.301	10.350	VV	18601	525592	13.56%	0.582%	
111	10.491	10.461	10.524	VV	21794	773862	19.96%	0.858%	
112	10.555	10.524	10.574	VV	21324	626596	16.16%	0.694%	
113	10.589	10.574	10.607	VV	22922	422823	10.91%	0.469%	
114	10.767	10.728	10.818	VV	29632	1492549	38.50%	1.654%	
115	10.857	10.818	10.880	VV	29577	1040256	26.83%	1.153%	
116	10.906	10.880	10.928	VV	28707	789565	20.37%	0.875%	
117	10.979	10.928	11.011	VV	31898	1513157	39.03%	1.677%	
118	11.083	11.011	11.098	VV	38343	1711956	44.16%	1.897%	
119	11.261	11.234	11.279	VV	37286	955836	24.65%	1.059%	
120	11.316	11.279	11.361	VV	41392	1895498	48.89%	2.100%	
121	11.449	11.361	11.514	VV	41497	3629180	93.61%	4.021%	
122	11.543	11.514	11.561	VV	46848	1199830	30.95%	1.330%	
123	11.618	11.561	11.678	VV	45331	3050359	78.68%	3.380%	
124	11.747	11.678	11.801	VV	47097	3310765	85.39%	3.669%	
125	11.851	11.801	11.940	VV	57895	3877038	100.00%	4.296%	
126	11.962	11.940	11.988	VV	46299	1267437	32.69%	1.404%	
127	12.085	11.988	12.113	VV	71545	3727117	96.13%	4.130%	
128	12.139	12.113	12.188	VV	49124	2129185	54.92%	2.359%	
129	12.238	12.188	12.261	VV	52225	2143817	55.30%	2.376%	
130	12.278	12.261	12.301	VV	52524	1209892	31.21%	1.341%	
131	12.314	12.301	12.366	VV	50808	1881568	48.53%	2.085%	
132	12.414	12.366	12.480	VV	53286	3345004	86.28%	3.707%	
133	12.542	12.480	12.617	VV	47577	3787800	97.70%	4.197%	
134	12.842	12.817	12.888	VV	43981	1835100	47.33%	2.033%	
135	12.934	12.888	12.971	VV	44372	2111139	54.45%	2.339%	
136	12.994	12.971	13.015	VV	43451	1110420	28.64%	1.230%	
137	13.035	13.015	13.054	VV	43155	988775	25.50%	1.096%	
138	13.075	13.054	13.118	VV	43160	1529564	39.45%	1.695%	
139	13.145	13.118	13.185	VV	47416	1675972	43.23%	1.857%	
140	13.202	13.185	13.261	VV	39031	1708022	44.05%	1.893%	
141	13.270	13.261	13.334	VV	36307	1565610	40.38%	1.735%	

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						Instrument : FID_E		
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142	13.351	13.334	13.378	VV	35818	915048	23.60%	1.014%
143	13.400	13.378	13.421	VV	36161	911501	23.60%	1.014%
144	13.447	13.421	13.488	VV	40334	1439620	37.60%	1.014%
145	13.862	13.841	13.886	VV	29345	779554	20.60%	1.014%
Manual IntegrationsAPPROVED								
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146	13.912	13.886	13.944	VV	29858	990604	25.83%	1.110%
147	13.952	13.944	13.983	VV	29513	638609	16.86%	0.724%
148	14.031	13.983	14.061	VV	27391	1231560	31.77%	1.365%
149	14.095	14.061	14.167	VV	26186	1587334	40.94%	1.759%
150	14.187	14.167	14.250	VV	24702	1147007	29.58%	1.271%
151	14.419	14.393	14.481	VV	19843	1001323	25.83%	1.110%
152	14.508	14.481	14.541	VV	19111	653549	16.86%	0.724%
153	14.571	14.541	14.640	VV	17605	972777	25.09%	1.078%
154	14.659	14.640	14.734	VV	15572	831754	21.45%	0.922%
155	14.747	14.734	14.821	VV	14093	694521	17.91%	0.770%
156	14.838	14.821	14.898	VV	13299	559117	14.42%	0.620%
157	14.911	14.898	14.997	VV	12372	702822	18.13%	0.779%
158	15.014	14.997	15.048	VV	11292	323427	8.34%	0.358%
159	15.075	15.048	15.170	VV	10415	686772	17.71%	0.761%
160	15.215	15.170	15.256	VV	8536	419856	10.83%	0.465%
161	15.277	15.256	15.301	VV	7918	199986	5.16%	0.222%
162	15.329	15.301	15.351	VV	11605	259807	6.70%	0.288%
163	15.372	15.351	15.407	VV	11250	279430	7.21%	0.310%
164	15.423	15.407	15.473	VV	6574	246120	6.35%	0.273%
165	15.492	15.473	15.514	VV	6247	145967	3.76%	0.162%
166	15.547	15.514	15.614	VV	6133	315415	8.14%	0.350%
167	15.631	15.614	15.738	VV	4889	316695	8.17%	0.351%
168	15.771	15.738	15.881	VV	4560	314346	8.11%	0.348%
169	15.921	15.881	15.972	VV	10112	268219	6.92%	0.297%
170	16.000	15.972	16.112	VV	3174	202602	5.23%	0.225%
171	16.159	16.112	16.201	VV	2277	103263	2.66%	0.114%
172	16.221	16.201	16.343	VV	1842	127549	3.29%	0.141%
173	16.363	16.343	16.381	VV	1441	27895	0.72%	0.031%
174	16.404	16.381	16.558	VV	2396	107402	2.77%	0.119%
175	16.612	16.558	16.664	VV	1031	39652	1.02%	0.044%
176	16.729	16.664	16.758	VV	1810	40594	1.05%	0.045%
177	16.789	16.758	16.841	VV	1359	34622	0.89%	0.038%
178	16.892	16.841	16.948	VV	6366	109075	2.81%	0.121%
179	16.972	16.948	17.000	VV	1835	23838	0.61%	0.026%
180	17.024	17.000	17.098	VV	787	14368	0.37%	0.016%
181	17.216	17.098	17.245	PV	2440	35442	0.91%	0.039%
182	17.273	17.245	17.303	VV	3001	37513	0.97%	0.042%
183	17.357	17.303	17.388	VV	2256	45000	1.16%	0.050%
184	17.432	17.388	17.468	VV	1746	39921	1.03%	0.044%
185	17.483	17.468	17.547	VV	240	6780	0.17%	0.008%
186	17.628	17.547	17.667	PV	530	16636	0.43%	0.018%
187	17.732	17.667	17.781	PV	1971	47564	1.23%	0.053%
188	17.807	17.781	17.871	VV	4543	71880	1.85%	0.080%
189	17.895	17.871	17.914	PV	530	6955	0.18%	0.008%
190	17.939	17.914	17.966	VV	465	9168	0.24%	0.010%
191	18.037	17.966	18.066	PV	362	10240	0.26%	0.011%
192	18.192	18.066	18.211	PV	662	21908	0.57%	0.024%
193	18.245	18.211	18.288	VV	3950	60535	1.56%	0.067%
194	18.335	18.288	18.384	VV	1683	33809	0.87%	0.037%

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195	18.438	18.384	18.467	VV	922	25831	0.67%	0.029%
196	18.583	18.467	18.599	PV	1316	32099		
197	18.668	18.599	18.718	VV	6386	147408		
198	18.779	18.718	18.834	PV	1483	34886		
199	18.902	18.834	18.952	PV	1885	29080		
200	18.980	18.952	19.011	VV	399	8399		
201	19.080	19.011	19.144	PV	4775	90135	2.32%	0.100%
202	19.181	19.144	19.198	VV	2233	32841	0.85%	0.036%
203	19.212	19.198	19.233	VV	1323	21764	0.56%	0.024%
204	19.257	19.233	19.274	VV	1278	21615	0.56%	0.024%
205	19.298	19.274	19.318	VV	866	16055	0.41%	0.018%
206	19.476	19.318	19.531	VV	5082	186843	4.82%	0.207%
207	19.582	19.531	19.600	VV	1677	48534	1.25%	0.054%
208	19.630	19.600	19.661	VV	2593	64095	1.65%	0.071%
209	19.761	19.661	19.821	VV	2077	166739	4.30%	0.185%
210	19.865	19.821	19.894	VV	4494	108089	2.79%	0.120%
211	19.941	19.894	19.958	VV	4065	96550	2.49%	0.107%
212	19.976	19.958	20.011	VV	3725	86398	2.23%	0.096%
213	20.238	20.011	20.278	VV	7136	583195	15.04%	0.646%
214	20.973	20.938	21.001	VV	10333	372993	9.62%	0.413%
Sum of corrected areas:						90244769		

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Aliphatic EPH 062725.M Tue Jul 15 05:36:00 2025