

rteres

Instrument :

FID_E

ClientSampleId :

ARS20-0013DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/15/2025

Supervised By :mohammad ahmed 07/16/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE07142
Data File : FE054838.D
Signal(s) : FID1B.ch
Acq On : 14 Jul 2025 11:53
Sample : Q2564-03DL 20X
Misc :
ALS Vial : 14 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	2.853	2.804	2.877	BV	132	2623	0.06%	0.002%
2	2.901	2.877	2.911	VV	88	1517	0.03%	0.001%
3	2.922	2.911	2.941	VV	118	1604	0.04%	0.001%
4	2.946	2.941	2.960	VV	77	991	0.02%	0.001%
5	2.970	2.960	3.001	PV	159	1553	0.04%	0.001%
6	3.040	3.001	3.146	VV	119	6371	0.14%	0.006%
7	3.190	3.146	3.210	VV	192	3866	0.09%	0.004%
8	3.243	3.210	3.263	VV	182	4735	0.11%	0.004%
9	3.277	3.263	3.284	VV	176	2157	0.05%	0.002%
10	3.309	3.284	3.335	VV	226	5628	0.13%	0.005%
11	3.342	3.335	3.364	VV	189	3047	0.07%	0.003%
12	3.379	3.364	3.414	VV	193	5337	0.12%	0.005%
13	3.427	3.414	3.444	VV	213	3416	0.08%	0.003%
14	3.476	3.444	3.494	VV	256	6048	0.14%	0.006%
15	3.515	3.494	3.535	VV	254	5527	0.13%	0.005%
16	3.574	3.535	3.597	VV	277	8765	0.20%	0.008%
17	3.613	3.597	3.624	VV	294	4054	0.09%	0.004%
18	3.651	3.624	3.664	VV	299	5773	0.13%	0.005%
19	3.674	3.664	3.719	VV	301	8386	0.19%	0.008%
20	3.727	3.719	3.744	VV	237	3345	0.08%	0.003%
21	3.785	3.744	3.808	VV	343	9775	0.22%	0.009%
22	3.818	3.808	3.833	VV	350	3987	0.09%	0.004%
23	3.843	3.833	3.870	VV	289	5305	0.12%	0.005%
24	3.895	3.870	3.947	VV	370	11989	0.27%	0.011%
25	3.972	3.947	3.988	VV	210	4911	0.11%	0.005%
26	4.012	3.988	4.031	VV	277	5827	0.13%	0.005%
27	4.041	4.031	4.091	VV	242	7082	0.16%	0.007%
28	4.106	4.091	4.128	VV	288	4691	0.11%	0.004%
29	4.141	4.128	4.204	VV	207	8039	0.18%	0.007%
30	4.230	4.204	4.251	VV	241	5547	0.13%	0.005%
31	4.275	4.251	4.324	VV	344	9878	0.22%	0.009%
32	4.331	4.324	4.378	VV	230	6479	0.15%	0.006%
33	4.414	4.378	4.421	VV	279	5665	0.13%	0.005%
34	4.428	4.421	4.438	VV	284	2128	0.05%	0.002%
35	4.454	4.438	4.495	VV	328	7845	0.18%	0.007%
36	4.502	4.495	4.516	VV	225	2654	0.06%	0.002%

					retention	Area	Area%	Response
37	4.529	4.516	4.564	VV	256	6429	0.15%	0.006%
38	4.571	4.564	4.671	VV	264	13086	0.15%	0.006%
39	4.690	4.671	4.748	VV	306	9507	0.15%	0.006%
40	4.795	4.748	4.814	VV	226	7516	0.15%	0.006%
41	4.825	4.814	4.831	VV	165	1617	0.15%	0.006%
42	4.849	4.831	4.884	VV	212	5109	0.15%	0.006%
43	4.900	4.884	4.954	VV	243	6996	0.16%	0.006%
44	5.100	4.954	5.135	VV	224	18069	0.41%	0.017%
45	5.148	5.135	5.173	VV	153	3320	0.08%	0.003%
46	5.202	5.173	5.231	VV	194	5102	0.12%	0.005%
47	5.249	5.231	5.274	VV	132	2649	0.06%	0.002%
48	5.339	5.274	5.398	VV	166	7493	0.17%	0.007%
49	5.450	5.398	5.468	VV	147	4034	0.09%	0.004%
50	5.500	5.468	5.554	VV	176	4373	0.10%	0.004%
51	5.604	5.554	5.651	VV	125	4978	0.11%	0.005%
52	5.674	5.651	5.698	VV	117	2601	0.06%	0.002%
53	5.714	5.698	5.794	VV	268	4311	0.10%	0.004%
54	5.845	5.794	5.932	VV	132	7538	0.17%	0.007%
55	5.946	5.932	5.993	VV	118	3266	0.07%	0.003%
56	6.018	5.993	6.075	PV	167	4161	0.09%	0.004%
57	6.097	6.075	6.168	VV	103	3253	0.07%	0.003%
58	6.402	6.168	6.428	VV	153	6896	0.16%	0.006%
59	6.452	6.428	6.481	VV	161	2873	0.07%	0.003%
60	6.518	6.481	6.533	VV	129	2631	0.06%	0.002%
61	6.595	6.533	6.618	VV	252	7897	0.18%	0.007%
62	6.638	6.618	6.674	VV	173	3416	0.08%	0.003%
63	6.688	6.674	6.740	VV	173	4070	0.09%	0.004%
64	6.780	6.740	6.808	VV	245	5996	0.14%	0.006%
65	6.835	6.808	6.881	VV	308	7242	0.16%	0.007%
66	6.905	6.881	6.944	VV	171	4596	0.10%	0.004%
67	7.036	6.944	7.093	PV	305	12928	0.29%	0.012%
68	7.134	7.093	7.168	PV	483	7956	0.18%	0.007%
69	7.208	7.168	7.240	PV	296	7294	0.17%	0.007%
70	7.274	7.240	7.301	VV	702	10972	0.25%	0.010%
71	7.333	7.301	7.356	VV	374	9302	0.21%	0.009%
72	7.440	7.356	7.464	VV	717	30720	0.70%	0.028%
73	7.539	7.464	7.568	VV	720	33220	0.75%	0.031%
74	7.587	7.568	7.651	VV	1037	33197	0.75%	0.031%
75	7.684	7.651	7.704	VV	1077	23890	0.54%	0.022%
76	7.723	7.704	7.746	VV	912	19882	0.45%	0.018%
77	7.794	7.746	7.880	VV	1526	89528	2.03%	0.083%
78	7.995	7.880	8.058	VV	2511	159102	3.61%	0.147%
79	8.203	8.181	8.228	VV	2990	68385	1.55%	0.063%
80	8.253	8.228	8.276	VV	4701	100671	2.28%	0.093%
81	8.299	8.276	8.317	VV	3813	82843	1.88%	0.077%
82	8.335	8.317	8.354	VV	3800	74177	1.68%	0.069%
83	8.432	8.354	8.473	VV	4860	284352	6.45%	0.263%
84	8.511	8.473	8.549	VV	6062	228149	5.17%	0.211%
85	8.570	8.549	8.588	VV	5698	121877	2.76%	0.113%
86	8.687	8.588	8.755	VV	9703	664413	15.06%	0.615%
87	8.865	8.755	8.904	VV	13832	759878	17.22%	0.703%
88	8.923	8.904	8.963	VV	11976	348067	7.89%	0.322%
89	9.100	9.038	9.119	VV	13280	537480	12.18%	0.497%

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					rt	Area	Height	Area%	Height%
90	9.167	9.119	9.184	VV	17906	523659	11.87%	0.484%	
91	9.234	9.184	9.294	VV	18174	888184	20.00%	0.781%	
92	9.315	9.294	9.374	VV	15895	690908	15.75%	0.690%	
93	9.392	9.374	9.413	VV	15820	342594	7.72%	0.343%	
94	9.448	9.413	9.498	VV	15887	775219	17.87%	0.775%	
95	9.522	9.498	9.538	VV	14965	352381	8.15%	0.352%	
96	9.614	9.538	9.645	VV	17396	1010392	22.90%	0.935%	
97	9.684	9.645	9.712	VV	16694	645984	14.64%	0.598%	
98	9.767	9.712	9.801	VV	19645	941264	21.34%	0.871%	
99	9.818	9.801	9.834	VV	19434	362292	8.21%	0.335%	
100	9.930	9.834	9.961	VV	25642	1564210	35.46%	1.447%	
101	9.988	9.961	10.031	VV	22023	869726	19.71%	0.805%	
102	10.054	10.031	10.077	VV	21593	592799	13.44%	0.548%	
103	10.096	10.077	10.118	VV	21691	520438	11.80%	0.481%	
104	10.179	10.118	10.204	VV	24561	1169489	26.51%	1.082%	
105	10.274	10.204	10.304	VV	27040	1457560	33.04%	1.349%	
106	10.325	10.304	10.346	VV	25875	612762	13.89%	0.567%	
107	10.365	10.346	10.379	VV	25033	492874	11.17%	0.456%	
108	10.416	10.379	10.458	VV	27051	1187300	26.91%	1.098%	
109	10.492	10.458	10.529	VV	27516	1110983	25.18%	1.028%	
110	10.589	10.529	10.614	VV	29022	1377048	31.21%	1.274%	
111	10.705	10.614	10.733	VV	37641	2138879	48.48%	1.979%	
112	10.766	10.733	10.820	VV	31756	1621530	36.76%	1.500%	
113	10.855	10.820	10.884	VV	34297	1225237	27.77%	1.134%	
114	10.965	10.884	11.013	VV	34142	2440110	55.31%	2.258%	
115	11.056	11.013	11.074	VV	34888	1210607	27.44%	1.120%	
116	11.124	11.074	11.238	VV	46589	3488202	79.07%	3.227%	
117	11.256	11.238	11.281	VV	34869	877250	19.88%	0.812%	
118	11.302	11.281	11.321	VV	36511	837370	18.98%	0.775%	
119	11.337	11.321	11.363	VV	35154	861411	19.53%	0.797%	
120	11.388	11.363	11.421	VV	35917	1190582	26.99%	1.102%	
121	11.449	11.421	11.504	VV	36383	1725051	39.10%	1.596%	
122	11.546	11.504	11.577	VV	38294	1534242	34.78%	1.419%	
123	11.593	11.577	11.644	VV	36368	1433577	32.50%	1.326%	
124	11.661	11.644	11.680	VV	35110	747019	16.93%	0.691%	
125	11.720	11.680	11.741	VV	36123	1282106	29.06%	1.186%	
126	11.752	11.741	11.824	VV	36294	1731799	39.26%	1.602%	
127	11.851	11.824	11.941	VV	47728	2533372	57.42%	2.344%	
128	12.084	11.941	12.144	VV	63335	4411628	100.00%	4.082%	
129	12.199	12.144	12.216	VV	34683	1476412	33.47%	1.366%	
130	12.238	12.216	12.268	VV	35945	1075633	24.38%	0.995%	
131	12.281	12.268	12.331	VV	35215	1312782	29.76%	1.215%	
132	12.345	12.331	12.369	VV	34251	778134	17.64%	0.720%	
133	12.415	12.369	12.492	VV	37488	2498921	56.64%	2.312%	
134	12.540	12.492	12.613	VV	34732	2364118	53.59%	2.187%	
135	12.643	12.613	12.674	VV	32598	1175172	26.64%	1.087%	
136	12.709	12.674	12.791	VV	33690	2271591	51.49%	2.102%	
137	12.847	12.791	12.887	VV	34805	1872926	42.45%	1.733%	
138	12.934	12.887	12.970	VV	32829	1584537	35.92%	1.466%	
139	12.994	12.970	13.014	VV	33533	850002	19.27%	0.786%	
140	13.074	13.014	13.118	VV	38084	2042441	46.30%	1.890%	
141	13.138	13.118	13.181	VV	33610	1230275	27.89%	1.138%	

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					rteres		ARS20-0013DL	
142	13.215	13.181	13.264	VV	33129	1600259	36.27%	1.481%
143	13.329	13.264	13.418	VV	33912	2994751	67.96%	0.000%
144	13.521	13.418	13.554	VV	56992	3082003	69.00%	0.000%
145	13.573	13.554	13.598	VV	38833	937070	21.00%	0.000%
146	13.620	13.598	13.671	VV	35050	1501668	34.00%	0.000%
147	13.688	13.671	13.708	VV	42727	843771	19.00%	0.000%
148	13.757	13.708	13.841	VV	43481	2953843	66.96%	2.733%
149	13.862	13.841	13.884	VV	36652	905706	20.53%	0.838%
150	13.922	13.884	14.018	VV	45618	3094500	70.14%	2.863%
151	14.036	14.018	14.053	VV	39033	775094	17.57%	0.717%
152	14.072	14.053	14.091	VV	38556	826177	18.73%	0.764%
153	14.114	14.091	14.156	VV	45561	1503286	34.08%	1.391%
154	14.274	14.249	14.310	VV	38319	1257379	28.50%	1.163%
155	14.424	14.401	14.446	VV	32597	843060	19.11%	0.780%
156	14.695	14.647	14.730	VV	29063	1383887	31.37%	1.280%
157	14.839	14.821	14.888	VV	24014	892920	20.24%	0.826%
158	15.044	15.018	15.206	VV	21419	1995649	45.24%	1.846%
159	15.272	15.251	15.362	VV	15960	910064	20.63%	0.842%
160	15.432	15.416	15.508	VV	12263	630561	14.29%	0.583%
161	15.579	15.551	15.704	VV	10313	848382	19.23%	0.785%
162	15.846	15.803	15.884	VV	8690	359641	8.15%	0.333%
163	16.062	16.034	16.187	VV	6008	447477	10.14%	0.414%
164	16.361	16.324	16.383	VV	5532	129617	2.94%	0.120%
165	16.402	16.383	16.424	VV	3804	88486	2.01%	0.082%
166	16.440	16.424	16.527	VV	3654	188742	4.28%	0.175%
167	16.609	16.527	16.644	VV	3817	201621	4.57%	0.187%
168	16.703	16.644	16.831	VV	29636	745119	16.89%	0.689%
169	16.889	16.831	16.951	VV	2873	151452	3.43%	0.140%
170	17.047	16.951	17.074	VV	1913	122757	2.78%	0.114%
171	17.094	17.074	17.184	VV	1797	93052	2.11%	0.086%
172	17.220	17.184	17.299	VV	1329	65965	1.50%	0.061%
173	17.357	17.299	17.378	VV	2076	48649	1.10%	0.045%
174	17.395	17.378	17.424	VV	1048	22289	0.51%	0.021%
175	17.436	17.424	17.464	VV	911	14588	0.33%	0.013%
176	17.500	17.464	17.546	VV	589	23412	0.53%	0.022%
177	17.601	17.546	17.674	VV	809	42801	0.97%	0.040%
178	17.734	17.674	17.781	VV	879	43252	0.98%	0.040%
179	17.807	17.781	17.873	VV	3151	60696	1.38%	0.056%
180	17.896	17.873	17.921	VV	686	13915	0.32%	0.013%
181	17.939	17.921	18.008	VV	586	17094	0.39%	0.016%
182	18.030	18.008	18.058	PV	329	4593	0.10%	0.004%
183	18.098	18.058	18.128	PV	231	2839	0.06%	0.003%
184	18.246	18.128	18.288	PV	3348	61413	1.39%	0.057%
185	18.336	18.288	18.361	PV	966	15097	0.34%	0.014%
186	18.440	18.361	18.468	VV	353	12263	0.28%	0.011%
187	18.670	18.468	18.711	PV	4674	99688	2.26%	0.092%
188	18.759	18.711	18.814	VV	1418	38100	0.86%	0.035%
189	18.832	18.814	18.853	VV	439	8244	0.19%	0.008%
190	18.993	18.853	19.021	VV	345	33139	0.75%	0.031%
191	19.081	19.021	19.118	PV	4456	66296	1.50%	0.061%
192	19.182	19.118	19.221	PV	1092	14175	0.32%	0.013%
193	19.359	19.221	19.397	PV	2532	71479	1.62%	0.066%
194	19.477	19.397	19.549	VV	4701	166492	3.77%	0.154%

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195	19.581	19.549	19.600	VV	702	14894
196	19.632	19.600	19.651	VV	542	12898
197	19.866	19.651	19.898	VV	5274	213369
198	19.979	19.960	20.000	VV	2701	58223
199	20.929	20.845	20.948	VV	10522	642322
200	20.980	20.948	21.030	VV	11151	514129

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0.34% 0.014%

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Reviewed By :Yogesh Patel 07/15/2025
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Sum of corrected areas: 108087142

Aliphatic EPH 062725.M Tue Jul 15 05:33:33 2025