

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AR\
 Data File : FG016744.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 17:19
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 02:05:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 01:50:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.085	2191471	18.413 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
6) S 2-Fluorobiphenyl (SURR)	8.969	1411694	18.663 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.33%
11) S ortho-Terphenyl (SURR)	12.048	2719919	18.091 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.671	2548205	18.274 ug/ml
2) T Naphthalene (C11.7)	6.352	2643518	18.376 ug/ml
3) T 2-Methylnaphthalene (...)	7.455	2554334	18.020 ug/ml
5) T Acenaphthylene (C15.06)	8.766	2476148	18.569 ug/ml
7) T Acenaphthene (C15.5)	9.067	2799751	18.429 ug/ml
8) T Flouorene (C16.55)	9.862	2519671	18.103 ug/ml
9) T Phenanthrene (C19.36)	11.278	2427256	18.090 ug/ml
10) T Anthracene (C19.43)	11.355	2716156	17.986 ug/ml
12) T Fluoranthene (C21.85)	13.112	2622100	18.129 ug/ml
13) T Pyrene (C20.8)	13.412	2638283	18.141 ug/ml
14) T Benzo[a]anthracene (C...	15.305	2203466	18.290 ug/mlm
15) T Chrysene (C27.41)	15.348	2738261	17.417 ug/ml
16) T benzo[b]fluoranthene ...	16.874	2062388	17.783 ug/ml
17) T Bnezo[k]fluoranthene ...	16.905	2663705	18.264 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.259	2245913	18.438 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.640	1448289	16.065 ug/mlm
20) T Dibenz[a,h]anthracene...	18.679	2776630	18.338 ug/ml
21) T Benzo[g,h,i]perylene ...	18.895	2130687	18.128 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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