

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AR\
 Data File : FG016746.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 19:58
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

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 01:57:25 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...	8.084	2497090	20.981 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
6) S 2-Fluorobiphenyl (SURR)	8.967	1608308	21.262 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.52%
11) S ortho-Terphenyl (SURR)	12.047	3092573	20.569 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.671	2849651	20.436 ug/ml
2) T Naphthalene (C11.7)	6.352	2959965	20.575 ug/ml
3) T 2-Methylnaphthalene (...)	7.454	2920525	20.604 ug/ml
5) T Acenaphthylene (C15.06)	8.765	2806131	21.044 ug/ml
7) T Acenaphthene (C15.5)	9.065	3146780	20.713 ug/ml
8) T Flouorene (C16.55)	9.861	2870528	20.624 ug/ml
9) T Phenanthrene (C19.36)	11.277	2768316	20.632 ug/ml
10) T Anthracene (C19.43)	11.354	3239302	21.451 ug/ml
12) T Fluoranthene (C21.85)	13.111	3022572	20.898 ug/ml
13) T Pyrene (C20.8)	13.412	3047462	20.955 ug/ml
14) T Benzo[a]anthracene (C...	15.305	2572052	21.349 ug/ml
15) T Chrysene (C27.41)	15.347	3306274	21.030 ug/ml
16) T benzo[b]fluoranthene ...	16.874	2443913	21.073 ug/ml
17) T Bnezo[k]fluoranthene ...	16.905	3056928	20.961 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.260	2613807	21.458 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.640	1604471	17.798 ug/mlm
20) T Dibenz[a,h]anthracene...	18.679	3178131	20.990 ug/ml
21) T Benzo[g,h,i]perylene ...	18.895	2431954	20.691 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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