

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AR\
 Data File : FG016739.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 14:52
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

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 01:39:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 01:39:10 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...	8.092	12938470	113.299 ug/ml
Spiked Amount 50.000		Recovery =	226.60%
6) S 2-Fluorobiphenyl (SURR)	8.976	8875898	123.714 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	247.43%#
11) S ortho-Terphenyl (SURR)	12.058	15230674	108.114 ug/ml
Spiked Amount 50.000		Recovery =	216.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.676	14327674	108.994 ug/ml
2) T Naphthalene (C11.7)	6.359	15200335	110.969 ug/ml
3) T 2-Methylnaphthalene (...)	7.464	15238445	115.177 ug/ml
5) T Acenaphthylene (C15.06)	8.776	14991471	118.363 ug/ml
7) T Acenaphthene (C15.5)	9.079	15244316	111.392 ug/ml
8) T Flouorene (C16.55)	9.873	14883501	113.336 ug/ml
9) T Phenanthrene (C19.36)	11.290	14760569	116.604 ug/ml
10) T Anthracene (C19.43)	11.367	14071708	98.661 ug/ml
12) T Fluoranthene (C21.85)	13.127	14843511	109.097 ug/ml
13) T Pyrene (C20.8)	13.430	14522011	105.748 ug/ml
14) T Benzo[a]anthracene (C...	15.323	13700895	119.866 ug/ml
15) T Chrysene (C27.41)	15.372	14599613	102.895 ug/ml
16) T benzo[b]fluoranthene ...	16.895	13483132	124.574 ug/ml
17) T Bnezo[k]fluoranthene ...	16.935	12696313	92.467 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.282	12895763	111.911 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.662	11415395	148.421 ug/ml
20) T Dibenz[a,h]anthracene...	18.703	12571519	85.364 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.924	11891786	107.973 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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