

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121525AR\
 Data File : FG017163.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2025 11:43
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File: autoint1.e
 Quant Time: Dec 16 00:47:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:55:13 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...	8.064	1987816	21.352 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
6) S 2-Fluorobiphenyl (SURR)	8.949	1213457	21.572 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.14%
11) S ortho-Terphenyl (SURR)	12.023	2762242	19.404 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.650	2680442	20.275 ug/ml
2) T Naphthalene (C11.7)	6.332	2478187	20.260 ug/ml
3) T 2-Methylnaphthalene (...)	7.435	2352050	20.774 ug/ml
5) T Acenaphthylene (C15.06)	8.743	2517143	20.980 ug/ml
7) T Acenaphthene (C15.5)	9.043	2669516	20.025 ug/ml
8) T Flouorene (C16.55)	9.840	2389363	20.323 ug/ml
9) T Phenanthrene (C19.36)	11.255	2315991	20.250 ug/ml
10) T Anthracene (C19.43)	11.332	2334480	19.214 ug/ml
12) T Fluoranthene (C21.85)	13.088	2452477	19.415 ug/ml
13) T Pyrene (C20.8)	13.389	2498967	19.410 ug/ml
14) T Benzo[a]anthracene (C...	15.284	1919968	21.192 ug/mlm
15) T Chrysene (C27.41)	15.326	2707676	19.095 ug/ml
16) T benzo[b]fluoranthene ...	16.853	2122021	21.522 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.885	2646711	20.193 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.241	2384267	24.013 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.625	1348276	15.233 ug/mlm
20) T Dibenz[a,h]anthracene...	18.663	2875735	21.549 ug/ml
21) T Benzo[g,h,i]perylene ...	18.879	2424740	21.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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