

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AR\
 Data File : FG016862.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2025 00:00
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :mohammad ahmed 10/31/2025

Integration File: autoint1.e
 Quant Time: Oct 30 05:30:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 05:27:38 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...	8.083	534999	4.905 ug/ml
Spiked Amount 50.000		Recovery =	9.81%
6) S 2-Fluorobiphenyl (SURR)	8.980	219576	3.626 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.25%
11) S ortho-Terphenyl (SURR)	12.038	854752	5.904 ug/ml
Spiked Amount 50.000		Recovery =	11.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.663	757808	5.769 ug/ml
2) T Naphthalene (C11.7)	6.347	721683	5.358 ug/ml
3) T 2-Methylnaphthalene (...)	7.452	692071	5.665 ug/ml
5) T Acenaphthylene (C15.06)	8.760	585912	4.852 ug/ml
7) T Acenaphthene (C15.5)	9.059	787784	5.722 ug/ml
8) T Flouorene (C16.55)	9.865	645746	5.177 ug/ml
9) T Phenanthrene (C19.36)	11.278	608550	5.116 ug/ml
10) T Anthracene (C19.43)	11.356	948627	6.781 ug/ml
12) T Fluoranthene (C21.85)	13.109	775689	5.671 ug/ml
13) T Pyrene (C20.8)	13.408	836857	5.936 ug/ml
14) T Benzo[a]anthracene (C...	15.311	417077	3.909 ug/ml
15) T Chrysene (C27.41)	15.350	1107020	6.961 ug/ml
16) T benzo[b]fluoranthene ...	16.878	463467	4.239 ug/ml
17) T Bnezo[k]fluoranthene ...	16.908	991200	6.833 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.270	532102	4.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.657	418350	5.467 ug/ml
20) T Dibenz[a,h]anthracene...	18.700	849706	5.774 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.904	661965	5.539 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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