

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121525AR\
 Data File : FG017160.D
 Signal(s) : FID1A.ch
 Acq On : 15 Dec 2025 09:45
 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 00:46:21 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	2024404	21.745 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
6) S 2-Fluorobiphenyl (SURR)	8.948	1194510	21.235 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.47%
11) S ortho-Terphenyl (SURR)	12.023	2773588	19.483 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.649	2700800	20.429 ug/ml
2) T Naphthalene (C11.7)	6.331	2525113	20.644 ug/ml
3) T 2-Methylnaphthalene (...)	7.434	2382607	21.044 ug/ml
5) T Acenaphthylene (C15.06)	8.743	2511002	20.929 ug/ml
7) T Acenaphthene (C15.5)	9.043	2660742	19.960 ug/ml
8) T Flouorene (C16.55)	9.839	2330725	19.825 ug/ml
9) T Phenanthrene (C19.36)	11.255	2319469	20.280 ug/ml
10) T Anthracene (C19.43)	11.331	2290176	18.849 ug/ml
12) T Fluoranthene (C21.85)	13.088	2441495	19.328 ug/ml
13) T Pyrene (C20.8)	13.389	2494915	19.378 ug/ml
14) T Benzo[a]anthracene (C...	15.283	1830872	20.209 ug/mlm
15) T Chrysene (C27.41)	15.325	2545294	17.950 ug/ml
16) T benzo[b]fluoranthene ...	16.854	2079945	21.096 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.884	2534975	19.340 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.241	2259201	22.753 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.625	1364996	15.422 ug/mlm
20) T Dibenz[a,h]anthracene...	18.663	2468021	18.494 ug/ml
21) T Benzo[g,h,i]perylene ...	18.878	2366518	20.525 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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