

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121625AR\
 Data File : FG017190.D
 Signal(s) : FID1A.ch
 Acq On : 17 Dec 2025 01:23
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/17/2025
 Supervised By :Yogesh Patel 12/17/2025

Integration File: autoint1.e
 Quant Time: Dec 17 06:46:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 06:45:42 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...	8.071	10846233	102.589 ug/ml
Spiked Amount 50.000		Recovery =	205.18%
6) S 2-Fluorobiphenyl (SURR)	8.956	7254924	116.924 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	233.85%#
11) S ortho-Terphenyl (SURR)	12.036	13608323	90.847 ug/ml
Spiked Amount 50.000		Recovery =	181.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.655	12191267	92.266 ug/ml
2) T Naphthalene (C11.7)	6.339	12697629	97.544 ug/ml
3) T 2-Methylnaphthalene (...)	7.443	12664034	99.597 ug/ml
5) T Acenaphthylene (C15.06)	8.755	12893022	99.393 ug/ml
7) T Acenaphthene (C15.5)	9.057	13206873	95.681 ug/ml
8) T Flouorene (C16.55)	9.852	12844374	103.275 ug/ml
9) T Phenanthrene (C19.36)	11.270	12623083	99.066 ug/ml
10) T Anthracene (C19.43)	11.348	12690617	91.742 ug/ml
12) T Fluoranthene (C21.85)	13.108	13154128	93.506 ug/ml
13) T Pyrene (C20.8)	13.409	12924946	90.324 ug/ml
14) T Benzo[a]anthracene (C...	15.305	11913337	101.999 ug/ml
15) T Chrysene (C27.41)	15.353	12956762	87.566 ug/ml
16) T benzo[b]fluoranthene ...	16.878	11756799	102.011 ug/ml
17) T Bnezo[k]fluoranthene ...	16.919	11342315	84.205 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.265	11421864	92.474 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.649	9748833	125.954 ug/ml
20) T Dibenz[a,h]anthracene...	18.686	11329812	82.105 ug/ml
21) T Benzo[g,h,i]perylene ...	18.911	10722020	94.958 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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