

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AR\
 Data File : FF016521.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 17:19
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

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 04:07:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:05:38 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...	8.023	596835	5.519 ug/ml
Spiked Amount 50.000		Recovery =	11.04%
6) S 2-Fluorobiphenyl (SURR)	8.900	365634	5.027 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.05%
11) S ortho-Terphenyl (SURR)	11.965	800920	5.965 ug/ml
Spiked Amount 50.000		Recovery =	11.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.618	698509	5.797 ug/ml
2) T Naphthalene (C11.7)	6.294	679938	5.445 ug/ml
3) T 2-Methylnaphthalene (...)	7.393	687877	5.411 ug/mlm
5) T Acenaphthylene (C15.06)	8.698	717426	5.646 ug/ml
7) T Acenaphthene (C15.5)	8.997	693143	5.474 ug/ml
8) T Flouorene (C16.55)	9.788	649309	5.133 ug/ml
9) T Phenanthrene (C19.36)	11.195	707197	5.530 ug/ml
10) T Anthracene (C19.43)	11.270	753581	5.975 ug/ml
12) T Fluoranthene (C21.85)	13.018	764132	5.886 ug/ml
13) T Pyrene (C20.8)	13.317	750698	5.972 ug/ml
14) T Benzo[a]anthracene (C...	15.201	655277	5.471 ug/ml
15) T Chrysene (C27.41)	15.242	802415	6.206 ug/ml
16) T benzo[b]fluoranthene ...	16.761	661712	5.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.791	721711	6.201 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.144	672226	5.857 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.517	545149	5.572 ug/ml
20) T Dibenz[a,h]anthracene...	18.561	843182	6.917 ug/ml
21) T Benzo[g,h,i]perylene ...	18.770	639162	5.933 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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