

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120525AR\
 Data File : FF016856.D
 Signal(s) : FID2B.ch
 Acq On : 05 Dec 2025 18:17
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 08 00:59:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:18:58 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...	8.001	2653938	23.146 ug/ml
Spiked Amount 50.000		Recovery =	46.29%
6) S 2-Fluorobiphenyl (SURR)	8.878	1586927	22.388 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.78%
11) S ortho-Terphenyl (SURR)	11.941	3336162	22.671 ug/ml
Spiked Amount 50.000		Recovery =	45.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.594	3162526	23.017 ug/ml
2) T Naphthalene (C11.7)	6.271	3139869	23.086 ug/ml
3) T 2-Methylnaphthalene (...)	7.371	3157651	23.331 ug/ml
5) T Acenaphthylene (C15.06)	8.675	3074782	22.478 ug/ml
7) T Acenaphthene (C15.5)	8.974	3273026	22.806 ug/ml
8) T Flouorene (C16.55)	9.765	2976570	22.423 ug/ml
9) T Phenanthrene (C19.36)	11.172	2889661	22.250 ug/ml
10) T Anthracene (C19.43)	11.247	2559522	20.115 ug/ml
12) T Fluoranthene (C21.85)	12.995	2935538	22.366 ug/ml
13) T Pyrene (C20.8)	13.294	2956086	22.446 ug/ml
14) T Benzo[a]anthracene (C...	15.179	2446806	22.730 ug/ml
15) T Chrysene (C27.41)	15.221	3211697	23.214 ug/ml
16) T benzo[b]fluoranthene ...	16.742	2785741	23.585 ug/ml
17) T Bnezo[k]fluoranthene ...	16.773	3155508	24.484 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.124	2736583	22.751 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.501	1604988	16.232 ug/ml
20) T Dibenz[a,h]anthracene...	18.540	2854468	18.074 ug/ml
21) T Benzo[g,h,i]perylene ...	18.753	2356634	18.554 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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