

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100325AR\
 Data File : FD049818.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2025 15:02
 Operator : YP/AJ
 Sample : PB169974BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB169974BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/07/2025

Integration File: autoint1.e

Quant Time: Oct 04 04:18:49 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M

Quant Title : GC Extractables

QLast Update : Thu Oct 02 17:50:17 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...	7.699	4722690	39.748 ug/ml
Spiked Amount 50.000		Recovery =	79.50%
6) S 2-Fluorobiphenyl (SURR)	8.564	3331675	39.242 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.48%
11) S ortho-Terphenyl (SURR)	11.613	6551704	43.887 ug/ml
Spiked Amount 50.000		Recovery =	87.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.490	3744574	32.950 ug/ml
2) T Naphthalene (C11.7)	6.033	4648378	35.232 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	4668001	33.738 ug/ml
5) T Acenaphthylene (C15.06)	8.368	5641699	38.614 ug/ml
7) T Acenaphthene (C15.5)	8.665	5710622	39.218 ug/ml
8) T Flouorene (C16.55)	9.447	6143433	42.068 ug/ml
9) T Phenanthrene (C19.36)	10.845	6485551	44.367 ug/ml
10) T Anthracene (C19.43)	10.921	6174321	45.435 ug/ml
12) T Fluoranthene (C21.85)	12.661	6671873	46.832 ug/ml
13) T Pyrene (C20.8)	12.959	6687187	47.570 ug/ml
14) T Benzo[a]anthracene (C...	14.832	6198105	49.282 ug/ml
15) T Chrysene (C27.41)	14.877	6779229	52.769 ug/ml
16) T benzo[b]fluoranthene ...	16.383	6002169	48.184 ug/ml
17) T Bnezo[k]fluoranthene ...	16.419	5852939	49.827 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.763	5783124	47.653 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.130	6029563	53.625 ug/ml
20) T Dibenz[a,h]anthracene...	18.168	5669175	46.370 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.386	5352182	44.749 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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