

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100825AR\
 Data File : FD049834.D
 Signal(s) : FID2B.ch
 Acq On : 08 Oct 2025 13:00
 Operator : YP/AJ
 Sample : Q3301-01MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

SOILMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E

Quant Time: Oct 09 06:28:34 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...	7.711	10918476	91.895 ug/mlm
Spiked Amount 50.000		Recovery =	183.79%
6) S 2-Fluorobiphenyl (SURR)	8.579	5710282	67.259 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	134.52%#
11) S ortho-Terphenyl (SURR)	11.626	7062239	47.307 ug/mlm
Spiked Amount 50.000		Recovery =	94.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	5172932	45.519 ug/ml
2) T Naphthalene (C11.7)	6.041	9015885	68.335 ug/ml
3) T 2-Methylnaphthalene (...)	7.106	18695009	135.116 ug/mlm
5) T Acenaphthylene (C15.06)	8.387	17237436	117.981 ug/mlm
7) T Acenaphthene (C15.5)	8.684	16136817	110.822 ug/mlm
8) T Flouorene (C16.55)	9.470	17832462	122.109 ug/mlm
9) T Phenanthrene (C19.36)	10.872	16498428	112.863 ug/mlm
10) T Anthracene (C19.43)	10.948	15900526	117.007 ug/mlm
12) T Fluoranthene (C21.85)	12.686	15791110	110.842 ug/mlm
13) T Pyrene (C20.8)	12.983	14887056	105.901 ug/mlm
14) T Benzo[a]anthracene (C...	14.847	12810981	101.863 ug/mlm
15) T Chrysene (C27.41)	14.895	14572981	113.434 ug/mlm
16) T benzo[b]fluoranthene ...	16.398	12392422	99.484 ug/ml
17) T Bnezo[k]fluoranthene ...	16.438	11343655	96.571 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.780	11603507	95.613 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	12448227	110.711 ug/ml
20) T Dibenz[a,h]anthracene...	18.188	10879686	88.989 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.408	11424781	95.521 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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