

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101525AR\
 Data File : FD049843.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2025 15:24
 Operator : YP/AJ
 Sample : PB170099BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB170099BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File: autoint1.e
 Quant Time: Oct 16 03:38:35 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...	7.702	4331722	36.458 ug/ml
Spiked Amount 50.000		Recovery =	72.92%
6) S 2-Fluorobiphenyl (SURR)	8.567	3044056	35.854 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.71%
11) S ortho-Terphenyl (SURR)	11.614	6129464	41.059 ug/ml
Spiked Amount 50.000		Recovery =	82.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.491	3433175	30.210 ug/ml
2) T Naphthalene (C11.7)	6.035	4267583	32.346 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	4276302	30.907 ug/ml
5) T Acenaphthylene (C15.06)	8.371	5203557	35.616 ug/ml
7) T Acenaphthene (C15.5)	8.667	5262420	36.140 ug/ml
8) T Flouorene (C16.55)	9.449	5620479	38.487 ug/ml
9) T Phenanthrene (C19.36)	10.848	5946890	40.682 ug/ml
10) T Anthracene (C19.43)	10.923	5507434	40.528 ug/ml
12) T Fluoranthene (C21.85)	12.664	6128723	43.019 ug/ml
13) T Pyrene (C20.8)	12.962	6176771	43.939 ug/ml
14) T Benzo[a]anthracene (C...	14.834	5524273	43.925 ug/ml
15) T Chrysene (C27.41)	14.879	6127977	47.699 ug/ml
16) T benzo[b]fluoranthene ...	16.386	5499880	44.152 ug/ml
17) T Bnezo[k]fluoranthene ...	16.422	5333266	45.403 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.767	5249564	43.257 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	5331116	47.413 ug/ml
20) T Dibenz[a,h]anthracene...	18.171	4957710	40.551 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.389	4876129	40.769 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

