

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082625AR\
 Data File : FD049673.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 16:21
 Operator : YP/AJ
 Sample : PB169398BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB169398BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/27/2025

Supervised By :mohammad ahmed 08/29/2025

Integration File: autoint1.e

Quant Time: Aug 27 01:42:43 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M

Quant Title : GC Extractables

QLast Update : Mon Aug 11 14:11:57 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...	7.716	6001678	58.560 ug/ml
Spiked Amount 50.000		Recovery =	117.12%
6) S 2-Fluorobiphenyl (SURR)	8.581	4208858	57.619 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.24%
11) S ortho-Terphenyl (SURR)	11.628	6108502	47.063 ug/ml
Spiked Amount 50.000		Recovery =	94.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	3764713	37.193 ug/ml
2) T Naphthalene (C11.7)	6.050	4782323	41.709 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	4802811	40.261 ug/ml
5) T Acenaphthylene (C15.06)	8.384	5803238	46.163 ug/ml
7) T Acenaphthene (C15.5)	8.681	5904981	46.964 ug/ml
8) T Flouorene (C16.55)	9.463	6301350	49.770 ug/ml
9) T Phenanthrene (C19.36)	10.862	6438724	49.844 ug/ml
10) T Anthracene (C19.43)	10.937	5404483	43.870 ug/ml
12) T Fluoranthene (C21.85)	12.677	6536536	51.060 ug/ml
13) T Pyrene (C20.8)	12.976	6405419	50.450 ug/ml
14) T Benzo[a]anthracene (C...	14.849	6065276	52.561 ug/ml
15) T Chrysene (C27.41)	14.893	6599667	56.368 ug/ml
16) T benzo[b]fluoranthene ...	16.400	6076854	53.430 ug/ml
17) T Bnezo[k]fluoranthene ...	16.436	5880280	54.932 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.781	5687438	51.267 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	6029338	58.493 ug/ml
20) T Dibenz[a,h]anthracene...	18.186	5776843	52.999 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	5452384	49.896 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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