

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049350.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2025 13:14
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/21/2025
 Supervised By :mohammad ahmed 05/22/2025

Integration File: sample.E
 Quant Time: May 21 03:13:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.734	2520723	21.259 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
6) S 2-Fluorobiphenyl (SURR)	8.599	1681439	21.292 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.58%
11) S ortho-Terphenyl (SURR)	11.646	3120626	22.610 ug/ml
Spiked Amount 50.000		Recovery =	45.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	2476290	19.833 ug/ml
2) T Naphthalene (C11.7)	6.069	2661780	20.134 ug/ml
3) T 2-Methylnaphthalene (...)	7.123	2689745	20.850 ug/ml
5) T Acenaphthylene (C15.06)	8.403	2965235	21.005 ug/ml
7) T Acenaphthene (C15.5)	8.699	2925316	21.351 ug/ml
8) T Fluorene (C16.55)	9.480	2941196	21.608 ug/ml
9) T Phenanthrene (C19.36)	10.880	2871092	21.295 ug/ml
10) T Anthracene (C19.43)	10.953	2163466	18.293 ug/ml
12) T Fluoranthene (C21.85)	12.694	2840940	21.081 ug/ml
13) T Pyrene (C20.8)	12.993	2813570	20.799 ug/ml
14) T Benzo[a]anthracene (C...	14.864	2276477	19.874 ug/ml
15) T Chrysene (C27.41)	14.906	2367929	20.288 ug/ml
16) T benzo[b]fluoranthene ...	16.414	2366013	19.492 ug/ml
17) T Bnezo[k]fluoranthene ...	16.446	2288041	19.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	2087841	18.158 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.157	1987635	18.112 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	2253685	21.339 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	2165748	18.174 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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