

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052125AR\
 Data File : FD049371.D
 Signal(s) : FID2B.ch
 Acq On : 21 May 2025 11:59
 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

Integration File: autoint1.e
 Quant Time: May 21 13:23:06 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...	7.737	2098405	17.698 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
6) S 2-Fluorobiphenyl (SURR)	8.602	1445153	18.300 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.60%
11) S ortho-Terphenyl (SURR)	11.647	2426509	17.581 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2169898	17.379 ug/ml
2) T Naphthalene (C11.7)	6.073	2316113	17.519 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	2293388	17.778 ug/ml
5) T Acenaphthylene (C15.06)	8.406	2441660	17.296 ug/ml
7) T Acenaphthene (C15.5)	8.701	2402532	17.535 ug/ml
8) T Fluorene (C16.55)	9.482	2449645	17.997 ug/ml
9) T Phenanthrene (C19.36)	10.880	2396074	17.772 ug/ml
10) T Anthracene (C19.43)	10.954	1863417	15.756 ug/ml
12) T Fluoranthene (C21.85)	12.694	2393276	17.759 ug/ml
13) T Pyrene (C20.8)	12.993	2392463	17.686 ug/ml
14) T Benzo[a]anthracene (C...	14.863	2106412	18.389 ug/ml
15) T Chrysene (C27.41)	14.905	2173323	18.621 ug/ml
16) T benzo[b]fluoranthene ...	16.414	2204775	18.163 ug/ml
17) T Bnezo[k]fluoranthene ...	16.446	2157201	18.088 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.792	2000191	17.395 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.157	1960855	17.868 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	2271017	21.503 ug/ml
21) T Benzo[g,h,i]perylene ...	18.412	2111717	17.720 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

