

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101525AR\
 Data File : FD049842.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2025 12:40
 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: Oct 16 03:36:30 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	2625190	22.095 ug/ml
Spiked Amount 50.000		Recovery =	44.19%
6) S 2-Fluorobiphenyl (SURR)	8.567	1847657	21.763 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.53%
11) S ortho-Terphenyl (SURR)	11.613	3296412	22.081 ug/ml
Spiked Amount 50.000		Recovery =	44.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2538057	22.334 ug/ml
2) T Naphthalene (C11.7)	6.037	2945278	22.324 ug/ml
3) T 2-Methylnaphthalene (...)	7.091	3065176	22.153 ug/ml
5) T Acenaphthylene (C15.06)	8.370	3201731	21.914 ug/ml
7) T Acenaphthene (C15.5)	8.666	3221236	22.122 ug/ml
8) T Flouorene (C16.55)	9.447	3164913	21.672 ug/ml
9) T Phenanthrene (C19.36)	10.846	3141588	21.491 ug/ml
10) T Anthracene (C19.43)	10.920	2615324	19.245 ug/ml
12) T Fluoranthene (C21.85)	12.660	3060393	21.482 ug/ml
13) T Pyrene (C20.8)	12.957	3028401	21.543 ug/ml
14) T Benzo[a]anthracene (C...	14.829	2574925	20.474 ug/ml
15) T Chrysene (C27.41)	14.871	2710335	21.097 ug/ml
16) T benzo[b]fluoranthene ...	16.380	2653852	21.305 ug/ml
17) T Bnezo[k]fluoranthene ...	16.412	2472887	21.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.758	2453313	20.215 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.121	2234684	19.875 ug/ml
20) T Dibenz[a,h]anthracene...	18.162	2291463	18.743 ug/ml
21) T Benzo[g,h,i]perylene ...	18.377	2520479	21.073 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

