

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092525AR\
 Data File : FG016644.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2025 13:49
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 26 05:42:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 092525.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 25 12:44:26 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...	8.092	2162246	18.902 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
6) S 2-Fluorobiphenyl (SURR)	8.975	1404577	18.811 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.62%
11) S ortho-Terphenyl (SURR)	12.056	2624736	18.523 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.677	2434529	18.492 ug/ml
2) T Naphthalene (C11.7)	6.359	2564721	18.488 ug/ml
3) T 2-Methylnaphthalene (...)	7.462	2470229	18.102 ug/ml
5) T Acenaphthylene (C15.06)	8.773	2430983	18.676 ug/ml
7) T Acenaphthene (C15.5)	9.073	2685877	18.460 ug/ml
8) T Flouorene (C16.55)	9.869	2499570	18.565 ug/ml
9) T Phenanthrene (C19.36)	11.286	2406243	18.797 ug/ml
10) T Anthracene (C19.43)	11.362	2640973	18.604 ug/ml
12) T Fluoranthene (C21.85)	13.120	2567328	18.822 ug/ml
13) T Pyrene (C20.8)	13.420	2575685	18.765 ug/ml
14) T Benzo[a]anthracene (C...	15.314	2177169	19.285 ug/ml
15) T Chrysene (C27.41)	15.356	2729665	18.254 ug/ml
16) T benzo[b]fluoranthene ...	16.883	2066173	19.005 ug/ml
17) T Bnezo[k]fluoranthene ...	16.914	2642393	18.780 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.269	2244733	18.683 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.649	1468495	17.844 ug/ml
20) T Dibenz[a,h]anthracene...	18.689	2783437	18.793 ug/ml
21) T Benzo[g,h,i]perylene ...	18.904	2111734	18.723 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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