

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325AR\
 Data File : FG016089.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 23:52
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 16 05:30:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 05:28:14 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...	8.129	2205174	19.542 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
6) S 2-Fluorobiphenyl (SURR)	9.010	1524377	19.536 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.07%
11) S ortho-Terphenyl (SURR)	12.094	2594740	19.481 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.719	2388905	19.495 ug/ml
2) T Naphthalene (C11.7)	6.398	2531650	19.524 ug/ml
3) T 2-Methylnaphthalene (...)	7.500	2579200	19.526 ug/ml
5) T Acenaphthylene (C15.06)	8.810	2555386	19.526 ug/ml
7) T Acenaphthene (C15.5)	9.111	2546286	19.536 ug/ml
8) T Fluorene (C16.55)	9.904	2546266	19.510 ug/ml
9) T Phenanthrene (C19.36)	11.320	2541064	19.474 ug/ml
10) T Anthracene (C19.43)	11.395	2546875	19.491 ug/ml
12) T Fluoranthene (C21.85)	13.152	2546790	19.418 ug/ml
13) T Pyrene (C20.8)	13.454	2522040	19.418 ug/ml
14) T Benzo[a]anthracene (C...	15.344	2479497	19.370 ug/ml
15) T Chrysene (C27.41)	15.387	2499597	19.374 ug/ml
16) T benzo[b]fluoranthene ...	16.909	2474600	19.325 ug/ml
17) T Bnezo[k]fluoranthene ...	16.941	2330996	19.400 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.291	2413714	19.371 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.669	2211726	19.228 ug/ml
20) T Dibenz[a,h]anthracene...	18.709	2339878	19.376 ug/ml
21) T Benzo[g,h,i]perylene ...	18.926	2322331	19.446 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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