

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052425AR\
 Data File : FD049398.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2025 17:20
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 27 03:03:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:01:40 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...	7.736	751932	4.423 ug/ml
Spiked Amount 50.000		Recovery =	8.85%
6) S 2-Fluorobiphenyl (SURR)	8.601	511438	4.364 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.73%
11) S ortho-Terphenyl (SURR)	11.646	928471	4.498 ug/ml
Spiked Amount 50.000		Recovery =	9.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	731050	4.487 ug/ml
2) T Naphthalene (C11.7)	6.072	796108	4.443 ug/ml
3) T 2-Methylnaphthalene (...)	7.126	805249	4.418 ug/ml
5) T Acenaphthylene (C15.06)	8.404	884797	4.463 ug/ml
7) T Acenaphthene (C15.5)	8.700	867919	4.459 ug/ml
8) T Fluorene (C16.55)	9.481	885007	4.411 ug/ml
9) T Phenanthrene (C19.36)	10.879	854323	4.360 ug/ml
10) T Anthracene (C19.43)	10.953	775977	4.313 ug/ml
12) T Fluoranthene (C21.85)	12.692	807720	4.327 ug/ml
13) T Pyrene (C20.8)	12.990	802430	4.349 ug/ml
14) T Benzo[a]anthracene (C...	14.861	670532	4.274 ug/ml
15) T Chrysene (C27.41)	14.902	678367	4.327 ug/ml
16) T benzo[b]fluoranthene ...	16.411	665740	4.484 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	664555	4.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	635737	4.553 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	586320	4.496 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	654634	4.736 ug/ml
21) T Benzo[g,h,i]perylene ...	18.406	634832	4.592 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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