

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AR\
 Data File : FF016517.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 15:21
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 04:06:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:05:38 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...	8.030	11833658	109.424 ug/ml
Spiked Amount 50.000		Recovery =	218.85%
6) S 2-Fluorobiphenyl (SURR)	8.908	8207802	112.839 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	225.68%#
11) S ortho-Terphenyl (SURR)	11.977	14237485	106.044 ug/ml
Spiked Amount 50.000		Recovery =	212.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.622	12838503	106.542 ug/ml
2) T Naphthalene (C11.7)	6.301	13620706	109.082 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	13880553	109.182 ug/ml
5) T Acenaphthylene (C15.06)	8.709	13825825	108.804 ug/ml
7) T Acenaphthene (C15.5)	9.010	13828101	109.204 ug/ml
8) T Flouorene (C16.55)	9.800	13819838	109.250 ug/ml
9) T Phenanthrene (C19.36)	11.209	13956122	109.129 ug/ml
10) T Anthracene (C19.43)	11.286	13029707	103.310 ug/ml
12) T Fluoranthene (C21.85)	13.037	14068070	108.360 ug/ml
13) T Pyrene (C20.8)	13.336	13934943	110.862 ug/ml
14) T Benzo[a]anthracene (C...	15.221	13459819	112.374 ug/ml
15) T Chrysene (C27.41)	15.271	13619011	105.323 ug/mlm
16) T benzo[b]fluoranthene ...	16.785	13080676	111.768 ug/ml
17) T Bnezo[k]fluoranthene ...	16.826	12333221	105.970 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.170	12379790	107.868 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.548	11557570	118.138 ug/ml
20) T Dibenz[a,h]anthracene...	18.588	11571790	94.925 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.810	11618206	107.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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