

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
 Data File : FE052214.D
 Signal(s) : FID1B.ch
 Acq On : 04 Feb 2025 11:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e
 Quant Time: Feb 05 00:47:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.270	2447171	19.772 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
12) S 1-chlorooctadecane (S...	13.686	1939611	19.653 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.718	1830871	19.602 ug/ml
2) T n-Decane (C10)	4.950	1915398	19.945 ug/ml
3) T A~Naphthalene (C11.7)	6.655	2133954	19.967 ug/ml
4) T n-Dodecane (C12)	7.087	1974172	19.918 ug/ml
5) T A~2-methylnaphthalene...	7.739	2096036	20.013 ug/ml
6) T n-Tetradecane (C14)	8.899	2019115	20.008 ug/ml
7) T n-Hexadecane (C16)	10.497	2157959	19.886 ug/ml
8) T n-Octadecane (C18)	11.934	2246445	19.775 ug/mlm
10) T n-Eicosane (C20)	13.239	2222105	19.691 ug/ml
11) T n-Heneicosane (C21)	13.850	2215029	19.669 ug/ml
13) T n-Docosane (C22)	14.434	2231275	19.713 ug/mlm
14) T n-Tetracosane (C24)	15.533	2274704	19.784 ug/ml
15) T n-Hexacosane (C26)	16.551	2272385	19.815 ug/ml
16) T n-Octacosane (C28)	17.498	2274444	20.102 ug/ml
17) T n-Tricontane (C30)	18.383	2342934	20.561 ug/ml
18) T n-Dotriacontane (C32)	19.213	2252387	20.659 ug/ml
19) T n-Tetratriacontane (C34)	19.994	1941773	20.467 ug/ml
20) T n-Hexatriacontane (C36)	20.731	1636558	19.806 ug/ml
21) T n-Octatriacontane (C38)	21.538	1519214	20.449 ug/ml
22) T n-Tetracontane (C40)	22.569	1423480	19.093 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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