

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010625AL\
 Data File : FE051851.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2025 18:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/07/2025
 Supervised By :Ankita Jodhani 01/07/2025

Integration File: autoint1.e
 Quant Time: Jan 07 00:31:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.126	2891946	19.951 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.555	2275452	19.802 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	3.531	2140980	19.384 ug/ml
2) T n-Decane (C10)	4.774	2231911	19.614 ug/ml
3) T A~Naphthalene (C11.7)	6.479	2549028	19.987 ug/ml
4) T n-Dodecane (C12)	6.927	2344207	19.962 ug/ml
5) T A~2-methylnaphthalene...	7.570	2525277	20.177 ug/ml
6) T n-Tetradecane (C14)	8.751	2420900	20.191 ug/ml
7) T n-Hexadecane (C16)	10.357	2589856	20.238 ug/ml
8) T n-Octadecane (C18)	11.799	2684981	20.178 ug/ml
10) T n-Eicosane (C20)	13.109	2631168	19.997 ug/ml
11) T n-Heneicosane (C21)	13.721	2603641	19.811 ug/ml
13) T n-Docosane (C22)	14.307	2597717	19.801 ug/ml
14) T n-Tetracosane (C24)	15.409	2593990	19.584 ug/ml
15) T n-Hexacosane (C26)	16.430	2513499	19.156 ug/ml
16) T n-Octacosane (C28)	17.377	2437790	18.881 ug/mlm
17) T n-Tricontane (C30)	18.267	2551604	19.410 ug/ml
18) T n-Dotriacontane (C32)	19.098	2370722	18.681 ug/ml
19) T n-Tetratriacontane (C34)	19.880	2165816	19.493 ug/ml
20) T n-Hexatriacontane (C36)	20.620	2084365	21.127 ug/ml
21) T n-Octatriacontane (C38)	21.404	1914478	20.221 ug/ml
22) T n-Tetracontane (C40)	22.400	1929422	20.960 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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