

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010625AL\
 Data File : FE051839.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jan 2025 11:35
 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 00:26:24 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)	12.106	2887097	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	13.537	2297543	19.994 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T n-Nonane (C9)	3.511	2169180	19.639 ug/ml
2) T n-Decane (C10)	4.754	2243167	19.713 ug/ml
3) T A~Naphthalene (C11.7)	6.457	2523100	19.783 ug/ml
4) T n-Dodecane (C12)	6.908	2316972	19.730 ug/ml
5) T A~2-methylnaphthalene...	7.548	2488821	19.886 ug/ml
6) T n-Tetradecane (C14)	8.733	2372523	19.788 ug/ml
7) T n-Hexadecane (C16)	10.338	2538401	19.836 ug/ml
8) T n-Octadecane (C18)	11.781	2660504	19.994 ug/ml
10) T n-Eicosane (C20)	13.091	2654257	20.173 ug/ml
11) T n-Heneicosane (C21)	13.703	2650284	20.166 ug/ml
13) T n-Docosane (C22)	14.290	2686505	20.478 ug/ml
14) T n-Tetracosane (C24)	15.392	2761698	20.850 ug/ml
15) T n-Hexacosane (C26)	16.412	2749985	20.958 ug/ml
16) T n-Octacosane (C28)	17.362	2727728	21.126 ug/ml
17) T n-Tricontane (C30)	18.250	2783634	21.175 ug/ml
18) T n-Dotriacontane (C32)	19.083	2684515	21.153 ug/ml
19) T n-Tetratriacontane (C34)	19.866	2261996	20.358 ug/ml
20) T n-Hexatriacontane (C36)	20.604	1919989	19.461 ug/ml
21) T n-Octatriacontane (C38)	21.386	1729235	18.264 ug/ml
22) T n-Tetracontane (C40)	22.374	1735435	18.853 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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