

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
 Data File : FE051879.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jan 2025 21:46
 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 01/09/2025
 Supervised By :Ankita Jodhani 01/09/2025

Integration File: autoint1.e
 Quant Time: Jan 08 23:03:10 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)	12.143	2692177	18.573 ug/ml
Spiked Amount 50.000		Recovery =	37.15%
12) S 1-chlorooctadecane (S...	13.569	2082123	18.120 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T n-Nonane (C9)	3.555	2077353	18.808 ug/ml
2) T n-Decane (C10)	4.797	2174895	19.113 ug/ml
3) T A~Naphthalene (C11.7)	6.503	2482703	19.467 ug/ml
4) T n-Dodecane (C12)	6.949	2278551	19.403 ug/ml
5) T A~2-methylnaphthalene...	7.593	2446118	19.544 ug/ml
6) T n-Tetradecane (C14)	8.771	2328611	19.422 ug/ml
7) T n-Hexadecane (C16)	10.375	2454946	19.184 ug/ml
8) T n-Octadecane (C18)	11.815	2502273	18.805 ug/ml
10) T n-Eicosane (C20)	13.123	2418680	18.382 ug/ml
11) T n-Heneicosane (C21)	13.735	2374760	18.070 ug/ml
13) T n-Docosane (C22)	14.321	2375155	18.105 ug/ml
14) T n-Tetracosane (C24)	15.422	2390669	18.049 ug/ml
15) T n-Hexacosane (C26)	16.441	2344192	17.866 ug/ml
16) T n-Octacosane (C28)	17.389	2317531	17.949 ug/ml
17) T n-Tricontane (C30)	18.276	2420721	18.414 ug/ml
18) T n-Dotriacontane (C32)	19.107	2290855	18.051 ug/ml
19) T n-Tetratriacontane (C34)	19.890	2012767	18.115 ug/ml
20) T n-Hexatriacontane (C36)	20.627	1754152	17.780 ug/ml
21) T n-Octatriacontane (C38)	21.414	1719747	18.164 ug/ml
22) T n-Tetracontane (C40)	22.411	1897738	20.616 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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