

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021925AL\
 Data File : FE052412.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2025 19:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/20/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File: autoint1.e
 Quant Time: Feb 20 00:21:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.919	3424468	18.319 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
12) S 1-chlorooctadecane (S...	13.365	2517482	18.112 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.256	3045103	19.838 ug/ml
2) T n-Decane (C10)	4.518	3093014	19.803 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3421173	19.802 ug/ml
4) T n-Dodecane (C12)	6.700	3087099	19.558 ug/ml
5) T A~2-methylnaphthalene...	7.334	3296186	19.626 ug/ml
6) T n-Tetradecane (C14)	8.537	3013419	19.131 ug/ml
7) T n-Hexadecane (C16)	10.153	3058307	18.712 ug/ml
8) T n-Octadecane (C18)	11.603	3045839	18.408 ug/ml
10) T n-Eicosane (C20)	12.919	2900343	18.193 ug/ml
11) T n-Heneicosane (C21)	13.533	2844076	18.153 ug/ml
13) T n-Docosane (C22)	14.122	2819787	18.018 ug/ml
14) T n-Tetracosane (C24)	15.230	2797310	17.787 ug/ml
15) T n-Hexacosane (C26)	16.254	2736292	17.666 ug/ml
16) T n-Octacosane (C28)	17.207	2685876	17.559 ug/ml
17) T n-Tricontane (C30)	18.097	2704886	17.328 ug/ml
18) T n-Dotriacontane (C32)	18.932	2615393	17.092 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2430678	17.086 ug/mlm
20) T n-Hexatriacontane (C36)	20.459	2201564	17.664 ug/mlm
21) T n-Octatriacontane (C38)	21.203	2042001	18.682 ug/ml
22) T n-Tetracontane (C40)	22.127	2087620	20.754 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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