

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051625AL\
 Data File : FE053866.D
 Signal(s) : FID1B.ch
 Acq On : 16 May 2025 08:40
 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 05/21/2025
 Supervised By :mohammad ahmed 05/22/2025

Integration File: autoint1.e
 Quant Time: May 17 05:06:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.849	3072987	18.909 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
12) S 1-chlorooctadecane (S...	13.294	2264123	19.099 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
Target Compounds			
1) T n-Nonane (C9)	3.199	2576228	19.062 ug/ml
2) T n-Decane (C10)	4.460	2583055	19.115 ug/ml
3) T A~Naphthalene (C11.7)	6.172	2769233	19.269 ug/ml
4) T n-Dodecane (C12)	6.640	2607142	19.113 ug/ml
5) T A~2-methylnaphthalene...	7.274	2622179	18.904 ug/ml
6) T n-Tetradecane (C14)	8.476	2577441	19.099 ug/ml
7) T n-Hexadecane (C16)	10.088	2571347	19.056 ug/ml
8) T n-Octadecane (C18)	11.536	2557661	18.993 ug/ml
10) T n-Eicosane (C20)	12.849	2489839	18.944 ug/ml
11) T n-Heneicosane (C21)	13.462	2456548	18.948 ug/ml
13) T n-Docosane (C22)	14.050	2425766	19.014 ug/ml
14) T n-Tetracosane (C24)	15.156	2377627	19.003 ug/ml
15) T n-Hexacosane (C26)	16.179	2329218	19.022 ug/ml
16) T n-Octacosane (C28)	17.131	2297343	18.898 ug/ml
17) T n-Tricontane (C30)	18.020	2333275	18.731 ug/ml
18) T n-Dotriacontane (C32)	18.855	2357186	18.849 ug/ml
19) T n-Tetratriacontane (C34)	19.640	2280460	19.144 ug/ml
20) T n-Hexatriacontane (C36)	20.382	2253986	19.467 ug/ml
21) T n-Octatriacontane (C38)	21.114	2215312	20.357 ug/ml
22) T n-Tetracontane (C40)	22.011	2153853	21.705 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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