

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FE053337.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2025 12:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/15/2025
 Supervised By :mohammad ahmed 04/16/2025

Integration File: sample.E
 Quant Time: Apr 15 02:35:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.891	2930776	17.993 ug/ml
Spiked Amount 50.000		Recovery =	35.99%
12) S 1-chlorooctadecane (S...	13.337	2127704	17.724 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
Target Compounds			
1) T n-Nonane (C9)	3.233	2582124	16.676 ug/ml
2) T n-Decane (C10)	4.494	2763870	17.620 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2940831	17.506 ug/ml
4) T n-Dodecane (C12)	6.675	2802205	17.917 ug/ml
5) T A~2-methylnaphthalene...	7.311	2832856	17.754 ug/ml
6) T n-Tetradecane (C14)	8.513	2800007	18.287 ug/ml
7) T n-Hexadecane (C16)	10.127	2867835	18.605 ug/ml
8) T n-Octadecane (C18)	11.577	2847600	18.775 ug/ml
10) T n-Eicosane (C20)	12.891	2685045	18.832 ug/ml
11) T n-Heneicosane (C21)	13.505	2577186	18.572 ug/ml
13) T n-Docosane (C22)	14.093	2657620	19.405 ug/ml
14) T n-Tetracosane (C24)	15.200	2831250	20.963 ug/mlm
15) T n-Hexacosane (C26)	16.225	2942290	22.055 ug/ml
16) T n-Octacosane (C28)	17.176	3056735	23.163 ug/ml
17) T n-Tricontane (C30)	18.068	3233518	23.857 ug/ml
18) T n-Dotriacontane (C32)	18.904	3218064	23.915 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2767138	21.385 ug/ml
20) T n-Hexatriacontane (C36)	20.431	2273240	19.137 ug/ml
21) T n-Octatriacontane (C38)	21.170	1961656	17.067 ug/mlm
22) T n-Tetracontane (C40)	22.085	1801888	16.043 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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