

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FE053341.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2025 14:31
 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 02:36:22 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)	11.890	2934408	18.015 ug/ml
Spiked Amount 50.000		Recovery =	36.03%
12) S 1-chlorooctadecane (S...	13.336	2149577	17.907 ug/ml
Spiked Amount 50.000		Recovery =	35.81%
Target Compounds			
1) T n-Nonane (C9)	3.232	2619830	16.920 ug/ml
2) T n-Decane (C10)	4.493	2796678	17.829 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2943961	17.525 ug/ml
4) T n-Dodecane (C12)	6.675	2817051	18.012 ug/ml
5) T A~2-methylnaphthalene...	7.310	2832783	17.754 ug/ml
6) T n-Tetradecane (C14)	8.512	2798138	18.275 ug/ml
7) T n-Hexadecane (C16)	10.127	2865961	18.592 ug/ml
8) T n-Octadecane (C18)	11.575	2832603	18.677 ug/ml
10) T n-Eicosane (C20)	12.890	2680149	18.798 ug/ml
11) T n-Heneicosane (C21)	13.505	2578840	18.584 ug/ml
13) T n-Docosane (C22)	14.093	2657323	19.403 ug/ml
14) T n-Tetracosane (C24)	15.200	2838537	21.017 ug/ml
15) T n-Hexacosane (C26)	16.224	2967430	22.243 ug/ml
16) T n-Octacosane (C28)	17.176	3097233	23.470 ug/ml
17) T n-Tricontane (C30)	18.066	3254407	24.011 ug/ml
18) T n-Dotriacontane (C32)	18.901	3181519	23.643 ug/ml
19) T n-Tetratriacontane (C34)	19.687	2719798	21.019 ug/ml
20) T n-Hexatriacontane (C36)	20.428	2226291	18.741 ug/ml
21) T n-Octatriacontane (C38)	21.168	1905469	16.578 ug/mlm
22) T n-Tetracontane (C40)	22.082	1799451	16.022 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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