

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051325AL\
 Data File : FE053805.D
 Signal(s) : FID1B.ch
 Acq On : 13 May 2025 23:14
 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 05/14/2025
 Supervised By :mohammad ahmed 05/15/2025

Integration File: autoint1.e
 Quant Time: May 14 02:40:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.850	3452505	19.142 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	13.294	2538358	18.778 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
Target Compounds			
1) T n-Nonane (C9)	3.201	2823184	20.592 ug/ml
2) T n-Decane (C10)	4.462	2869117	20.740 ug/ml
3) T A~Naphthalene (C11.7)	6.174	3086969	20.451 ug/ml
4) T n-Dodecane (C12)	6.643	2908419	20.738 ug/ml
5) T A~2-methylnaphthalene...	7.276	2986014	20.000 ug/ml
6) T n-Tetradecane (C14)	8.477	2874023	20.486 ug/ml
7) T n-Hexadecane (C16)	10.090	2876347	20.069 ug/ml
8) T n-Octadecane (C18)	11.536	2864797	19.658 ug/ml
10) T n-Eicosane (C20)	12.849	2797212	19.223 ug/ml
11) T n-Heneicosane (C21)	13.462	2760318	19.057 ug/ml
13) T n-Docosane (C22)	14.050	2740480	18.991 ug/ml
14) T n-Tetracosane (C24)	15.156	2697523	18.780 ug/ml
15) T n-Hexacosane (C26)	16.178	2654635	18.744 ug/ml
16) T n-Octacosane (C28)	17.129	2681058	19.271 ug/ml
17) T n-Tricontane (C30)	18.017	2868449	20.607 ug/mlm
18) T n-Dotriacontane (C32)	18.851	2875371	20.941 ug/mlm
19) T n-Tetratriacontane (C34)	19.637	2700618	20.727 ug/ml
20) T n-Hexatriacontane (C36)	20.378	2619294	20.747 ug/mlm
21) T n-Octatriacontane (C38)	21.109	2461264	20.202 ug/mlm
22) T n-Tetracontane (C40)	22.005	2333525	19.540 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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