

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054714.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 20:35
 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 07/08/2025
 Supervised By :mohammad ahmed 07/08/2025

Integration File: autoint1.e
 Quant Time: Jul 08 03:55:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 Qlast Update : Fri Jun 27 15:19:13 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)	12.080	2964443	18.255 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
12) S 1-chlorooctadecane (S...	13.517	2259273	17.889 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
Target Compounds			
1) T n-Nonane (C9)	3.422	2610456	19.407 ug/ml
2) T n-Decane (C10)	4.679	2666956	19.545 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2957694	19.534 ug/ml
4) T n-Dodecane (C12)	6.854	2703947	19.707 ug/ml
5) T A~2-methylnaphthalene...	7.497	2865104	19.490 ug/ml
6) T n-Tetradecane (C14)	8.691	2709478	19.545 ug/ml
7) T n-Hexadecane (C16)	10.306	2757341	19.348 ug/ml
8) T n-Octadecane (C18)	11.755	2749895	18.764 ug/ml
10) T n-Eicosane (C20)	13.069	2608676	18.142 ug/ml
11) T n-Heneicosane (C21)	13.683	2551625	17.864 ug/ml
13) T n-Docosane (C22)	14.272	2519010	17.642 ug/ml
14) T n-Tetracosane (C24)	15.377	2488855	17.121 ug/ml
15) T n-Hexacosane (C26)	16.401	2435529	16.830 ug/ml
16) T n-Octacosane (C28)	17.353	2396385	16.443 ug/ml
17) T n-Tricontane (C30)	18.242	2552151	16.196 ug/mlm
18) T n-Dotriacontane (C32)	19.074	2592263	16.023 ug/mlm
19) T n-Tetratriacontane (C34)	19.862	2491346	16.348 ug/mlm
20) T n-Hexatriacontane (C36)	20.601	2205568	16.404 ug/mlm
21) T n-Octatriacontane (C38)	21.382	2237488	19.078 ug/ml
22) T n-Tetracontane (C40)	22.373	2077739	19.170 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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