

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054110.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 22:05
 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 06/02/2025
 Supervised By :mohammad ahmed 06/03/2025

Integration File: autoint1.e
 Quant Time: May 30 22:59:58 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)	11.839	3238140	19.926 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	13.285	2448474	20.654 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
Target Compounds			
1) T n-Nonane (C9)	3.185	2341931	17.328 ug/ml
2) T n-Decane (C10)	4.448	2423384	17.934 ug/ml
3) T A~Naphthalene (C11.7)	6.163	2702320	18.803 ug/ml
4) T n-Dodecane (C12)	6.630	2524993	18.511 ug/ml
5) T A~2-methylnaphthalene...	7.265	2683576	19.347 ug/ml
6) T n-Tetradecane (C14)	8.466	2571322	19.054 ug/ml
7) T n-Hexadecane (C16)	10.078	2645729	19.608 ug/ml
8) T n-Octadecane (C18)	11.525	2680142	19.903 ug/mlm
10) T n-Eicosane (C20)	12.839	2650859	20.170 ug/ml
11) T n-Heneicosane (C21)	13.453	2623726	20.238 ug/ml
13) T n-Docosane (C22)	14.041	2613768	20.488 ug/ml
14) T n-Tetracosane (C24)	15.146	2606474	20.832 ug/ml
15) T n-Hexacosane (C26)	16.170	2554736	20.863 ug/ml
16) T n-Octacosane (C28)	17.122	2543744	20.925 ug/ml
17) T n-Tricontane (C30)	18.012	2639849	21.193 ug/ml
18) T n-Dotriacontane (C32)	18.845	2696444	21.562 ug/ml
19) T n-Tetratriacontane (C34)	19.630	2579319	21.653 ug/ml
20) T n-Hexatriacontane (C36)	20.372	2642811	22.825 ug/ml
21) T n-Octatriacontane (C38)	21.102	2556507	23.492 ug/ml
22) T n-Tetracontane (C40)	21.997	2446838	24.658 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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