

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052825AL\
 Data File : FE054061.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2025 09:27
 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 05/30/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
 Quant Time: May 29 09:53:47 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)	11.841	3089267	19.009 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.285	2291508	19.330 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
1) T n-Nonane (C9)	3.189	2226708	16.475 ug/ml
2) T n-Decane (C10)	4.451	2273129	16.822 ug/ml
3) T A~Naphthalene (C11.7)	6.165	2482302	17.272 ug/ml
4) T n-Dodecane (C12)	6.633	2345249	17.193 ug/ml
5) T A~2-methylnaphthalene...	7.268	2481022	17.887 ug/ml
6) T n-Tetradecane (C14)	8.467	2380095	17.637 ug/ml
7) T n-Hexadecane (C16)	10.080	2461791	18.244 ug/ml
8) T n-Octadecane (C18)	11.526	2516858	18.690 ug/ml
10) T n-Eicosane (C20)	12.839	2497970	19.006 ug/ml
11) T n-Heneicosane (C21)	13.453	2486765	19.182 ug/ml
13) T n-Docosane (C22)	14.040	2475278	19.402 ug/ml
14) T n-Tetracosane (C24)	15.146	2449448	19.577 ug/ml
15) T n-Hexacosane (C26)	16.170	2400065	19.600 ug/ml
16) T n-Octacosane (C28)	17.121	2384215	19.613 ug/ml
17) T n-Tricontane (C30)	18.009	2467959	19.813 ug/ml
18) T n-Dotriacontane (C32)	18.844	2487396	19.890 ug/ml
19) T n-Tetratriacontane (C34)	19.629	2393887	20.096 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2382053	20.573 ug/ml
21) T n-Octatriacontane (C38)	21.100	2298779	21.124 ug/ml
22) T n-Tetracontane (C40)	21.994	2256307	22.738 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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