

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE054011.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 21:22
 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 05/27/2025
 Supervised By :mohammad ahmed 05/29/2025

Integration File: autoint1.e
 Quant Time: May 23 23:02:35 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)	11.847	3092807	19.031 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
12) S 1-chlorooctadecane (S...	13.293	2295678	19.365 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.193	2470553	18.280 ug/ml
2) T n-Decane (C10)	4.456	2526461	18.696 ug/ml
3) T A~Naphthalene (C11.7)	6.170	2695354	18.755 ug/ml
4) T n-Dodecane (C12)	6.637	2580582	18.918 ug/ml
5) T A~2-methylnaphthalene...	7.273	2598181	18.731 ug/ml
6) T n-Tetradecane (C14)	8.473	2573846	19.073 ug/ml
7) T n-Hexadecane (C16)	10.086	2591385	19.205 ug/ml
8) T n-Octadecane (C18)	11.533	2576111	19.130 ug/ml
10) T n-Eicosane (C20)	12.847	2520646	19.179 ug/ml
11) T n-Heneicosane (C21)	13.460	2485910	19.175 ug/ml
13) T n-Docosane (C22)	14.049	2467154	19.339 ug/ml
14) T n-Tetracosane (C24)	15.154	2458601	19.651 ug/ml
15) T n-Hexacosane (C26)	16.178	2433918	19.877 ug/ml
16) T n-Octacosane (C28)	17.130	2461151	20.246 ug/ml
17) T n-Tricontane (C30)	18.019	2616029	21.001 ug/ml
18) T n-Dotriacontane (C32)	18.853	2673627	21.380 ug/ml
19) T n-Tetratriacontane (C34)	19.638	2577871	21.641 ug/ml
20) T n-Hexatriacontane (C36)	20.379	2517809	21.745 ug/ml
21) T n-Octatriacontane (C38)	21.109	2519734	23.154 ug/ml
22) T n-Tetracontane (C40)	22.007	2373436	23.918 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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