

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054799.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 02:01
 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 07/11/2025
 Supervised By :mohammad ahmed 07/14/2025

Integration File: sample.E
 Quant Time: Jul 11 07:00:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.081	3098492	19.080 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
12) S 1-chlorooctadecane (S...	13.517	2352577	18.628 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.421	2724503	20.255 ug/ml
2) T n-Decane (C10)	4.679	2815299	20.633 ug/ml
3) T A~Naphthalene (C11.7)	6.396	3125787	20.644 ug/ml
4) T n-Dodecane (C12)	6.854	2865061	20.881 ug/ml
5) T A~2-methylnaphthalene...	7.497	3032405	20.628 ug/ml
6) T n-Tetradecane (C14)	8.691	2864696	20.665 ug/ml
7) T n-Hexadecane (C16)	10.306	2912605	20.438 ug/ml
8) T n-Octadecane (C18)	11.755	2885601	19.690 ug/ml
10) T n-Eicosane (C20)	13.069	2730946	18.992 ug/ml
11) T n-Heneicosane (C21)	13.683	2671611	18.705 ug/ml
13) T n-Docosane (C22)	14.272	2638192	18.476 ug/ml
14) T n-Tetracosane (C24)	15.378	2625665	18.063 ug/ml
15) T n-Hexacosane (C26)	16.402	2588159	17.884 ug/ml
16) T n-Octacosane (C28)	17.354	2570410	17.637 ug/ml
17) T n-Tricontane (C30)	18.243	2680372	17.009 ug/ml
18) T n-Dotriacontane (C32)	19.079	2698908	16.682 ug/ml
19) T n-Tetratriacontane (C34)	19.863	2545433	16.703 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2355714	17.520 ug/ml
21) T n-Octatriacontane (C38)	21.386	2356334	20.091 ug/mlm
22) T n-Tetracontane (C40)	22.379	2245302	20.716 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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