

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051225AL\
 Data File : FE053765.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2025 13:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2025
 Supervised By :mohammad ahmed 05/14/2025

Integration File: sample.E
 Quant Time: May 12 13:57:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.855	3415143	18.935 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
12) S 1-chlorooctadecane (S...	13.301	2489570	18.417 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
Target Compounds			
1) T n-Nonane (C9)	3.203	2803928	20.451 ug/ml
2) T n-Decane (C10)	4.465	2858345	20.662 ug/ml
3) T A~Naphthalene (C11.7)	6.177	3101397	20.547 ug/ml
4) T n-Dodecane (C12)	6.645	2889179	20.600 ug/ml
5) T A~2-methylnaphthalene...	7.279	3081090	20.636 ug/ml
6) T n-Tetradecane (C14)	8.481	2858312	20.374 ug/ml
7) T n-Hexadecane (C16)	10.094	2877551	20.077 ug/ml
8) T n-Octadecane (C18)	11.541	2845918	19.528 ug/ml
10) T n-Eicosane (C20)	12.855	2762272	18.983 ug/ml
11) T n-Heneicosane (C21)	13.468	2728991	18.841 ug/ml
13) T n-Docosane (C22)	14.056	2710072	18.780 ug/ml
14) T n-Tetracosane (C24)	15.162	2651080	18.456 ug/ml
15) T n-Hexacosane (C26)	16.185	2598252	18.345 ug/ml
16) T n-Octacosane (C28)	17.137	2578322	18.532 ug/ml
17) T n-Tricontane (C30)	18.027	2484953	17.852 ug/ml
18) T n-Dotriacontane (C32)	18.862	2652422	19.317 ug/ml
19) T n-Tetratriacontane (C34)	19.648	2478574	19.023 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2313547	18.326 ug/ml
21) T n-Octatriacontane (C38)	21.124	2007722	16.480 ug/ml
22) T n-Tetracontane (C40)	22.026	2441064	20.441 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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