

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021125AL\
 Data File : FE052356.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2025 01:14
 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 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File: autoint1.e
 Quant Time: Feb 12 01:51:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 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)	12.325	2393851	19.341 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
12) S 1-chlorooctadecane (S...	13.736	1852793	18.774 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
Target Compounds			
1) T n-Nonane (C9)	3.793	1797099	19.240 ug/ml
2) T n-Decane (C10)	5.020	1922931	20.024 ug/ml
3) T A~Naphthalene (C11.7)	6.723	2183439	20.430 ug/ml
4) T n-Dodecane (C12)	7.149	2015185	20.331 ug/ml
5) T A~2-methylnaphthalene...	7.804	2150434	20.533 ug/ml
6) T n-Tetradecane (C14)	8.956	2054858	20.363 ug/ml
7) T n-Hexadecane (C16)	10.552	2168410	19.982 ug/ml
8) T n-Octadecane (C18)	11.985	2224293	19.580 ug/mlm
10) T n-Eicosane (C20)	13.288	2152121	19.070 ug/ml
11) T n-Heneicosane (C21)	13.898	2118566	18.813 ug/ml
13) T n-Docosane (C22)	14.480	2110219	18.643 ug/mlm
14) T n-Tetracosane (C24)	15.579	2093337	18.206 ug/ml
15) T n-Hexacosane (C26)	16.595	2041336	17.800 ug/ml
16) T n-Octacosane (C28)	17.540	2018215	17.837 ug/ml
17) T n-Tricontane (C30)	18.424	2086816	18.314 ug/ml
18) T n-Dotriacontane (C32)	19.252	2073050	19.014 ug/ml
19) T n-Tetratriacontane (C34)	20.033	1800222	18.975 ug/ml
20) T n-Hexatriacontane (C36)	20.770	1553329	18.799 ug/mlm
21) T n-Octatriacontane (C38)	21.586	1487381	20.021 ug/mlm
22) T n-Tetracontane (C40)	22.633	1605712	21.537 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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