

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021225AL\
 Data File : FE052363.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2025 11:01
 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 02/13/2025
 Supervised By :Ankita Jodhani 02/13/2025

Integration File: autoint1.e
 Quant Time: Feb 13 00:24:40 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)	12.327	2365799	19.115 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
12) S 1-chlorooctadecane (S...	13.738	1834725	18.591 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T n-Nonane (C9)	3.795	1791241	19.177 ug/ml
2) T n-Decane (C10)	5.022	1914075	19.932 ug/ml
3) T A~Naphthalene (C11.7)	6.725	2172473	20.328 ug/ml
4) T n-Dodecane (C12)	7.151	2001217	20.190 ug/ml
5) T A~2-methylnaphthalene...	7.806	2132739	20.364 ug/ml
6) T n-Tetradecane (C14)	8.958	2036737	20.183 ug/ml
7) T n-Hexadecane (C16)	10.553	2146061	19.777 ug/ml
8) T n-Octadecane (C18)	11.988	2192612	19.301 ug/ml
10) T n-Eicosane (C20)	13.290	2127693	18.854 ug/ml
11) T n-Heneicosane (C21)	13.898	2094314	18.597 ug/ml
13) T n-Docosane (C22)	14.482	2088083	18.448 ug/ml
14) T n-Tetracosane (C24)	15.580	2081675	18.105 ug/ml
15) T n-Hexacosane (C26)	16.596	2043111	17.815 ug/ml
16) T n-Octacosane (C28)	17.542	2023473	17.884 ug/ml
17) T n-Tricontane (C30)	18.426	2109646	18.514 ug/ml
18) T n-Dotriacontane (C32)	19.255	2050865	18.811 ug/ml
19) T n-Tetratriacontane (C34)	20.036	1808055	19.058 ug/mlm
20) T n-Hexatriacontane (C36)	20.774	1543013	18.674 ug/ml
21) T n-Octatriacontane (C38)	21.590	1444707	19.447 ug/mlm
22) T n-Tetracontane (C40)	22.638	1492027	20.012 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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