

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020725AL\
 Data File : FE052282.D
 Signal(s) : FID1B.ch
 Acq On : 07 Feb 2025 09:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 08 02:21:31 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)	12.312	2522763	20.383 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	13.722	1976745	20.030 ug/mlm
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.779	1856405	19.875 ug/ml
2) T n-Decane (C10)	5.006	1979721	20.615 ug/ml
3) T A~Naphthalene (C11.7)	6.709	2264436	21.188 ug/ml
4) T n-Dodecane (C12)	7.135	2072322	20.908 ug/ml
5) T A~2-methylnaphthalene...	7.790	2233685	21.327 ug/ml
6) T n-Tetradecane (C14)	8.944	2134065	21.148 ug/ml
7) T n-Hexadecane (C16)	10.539	2268611	20.906 ug/ml
8) T n-Octadecane (C18)	11.973	2334540	20.550 ug/ml
10) T n-Eicosane (C20)	13.276	2271245	20.126 ug/ml
11) T n-Heneicosane (C21)	13.884	2240067	19.892 ug/ml
13) T n-Docosane (C22)	14.468	2232833	19.726 ug/ml
14) T n-Tetracosane (C24)	15.566	2230842	19.402 ug/ml
15) T n-Hexacosane (C26)	16.582	2163425	18.865 ug/ml
16) T n-Octacosane (C28)	17.528	2140591	18.919 ug/ml
17) T n-Tricontane (C30)	18.412	2203644	19.339 ug/ml
18) T n-Dotriacontane (C32)	19.241	2129093	19.528 ug/ml
19) T n-Tetratriacontane (C34)	20.022	1844882	19.446 ug/ml
20) T n-Hexatriacontane (C36)	20.758	1590365	19.247 ug/ml
21) T n-Octatriacontane (C38)	21.571	1508783	20.309 ug/ml
22) T n-Tetracontane (C40)	22.612	1500641	20.128 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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