

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052324AL\
 Data File : FE048347.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2024 12:19
 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 05/24/2024
 Supervised By :Ankita Jodhani 05/24/2024

Integration File: autoint1.e
 Quant Time: May 24 01:31:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.957	2721249	18.863 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.391	2089926	18.703 ug/ml
Spiked Amount 50.000		Recovery =	37.41%
Target Compounds			
1) T n-Nonane (C9)	3.342	2767027	21.470 ug/ml
2) T n-Decane (C10)	4.592	2841525	21.583 ug/ml
3) T A~Naphthalene (C11.7)	6.299	2791542	20.217 ug/ml
4) T n-Dodecane (C12)	6.758	2785543	20.895 ug/ml
5) T A~2-methylnaphthalene...	7.396	2625093	19.726 ug/ml
6) T n-Tetradecane (C14)	8.587	2678888	20.215 ug/ml
7) T n-Hexadecane (C16)	10.194	2671667	19.426 ug/ml
8) T n-Octadecane (C18)	11.637	2641811	18.965 ug/ml
10) T n-Eicosane (C20)	12.946	2530196	18.792 ug/ml
11) T n-Heneicosane (C21)	13.557	2470363	18.662 ug/ml
13) T n-Docosane (C22)	14.144	2475724	18.682 ug/ml
14) T n-Tetracosane (C24)	15.246	2540453	19.079 ug/ml
15) T n-Hexacosane (C26)	16.266	2549790	19.108 ug/ml
16) T n-Octacosane (C28)	17.215	2608530	19.591 ug/ml
17) T n-Tricontane (C30)	18.102	2811610	20.372 ug/ml
18) T n-Dotriacontane (C32)	18.934	2934299	21.244 ug/ml
19) T n-Tetratriacontane (C34)	19.715	3180564	23.348 ug/mlm
20) T n-Hexatriacontane (C36)	20.455	2767593	20.440 ug/ml
21) T n-Octatriacontane (C38)	21.194	2646511	19.168 ug/mlm
22) T n-Tetracontane (C40)	22.114	2892597	20.762 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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