

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010523AL\
 Data File : FE039646.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jan 2023 09:16
 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 01/06/2023
 Supervised By :Ankita Jodhani 01/06/2023

Integration File: autoint1.e
 Quant Time: Jan 06 02:52:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.925	2940386	19.703 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.362	2273968	19.757 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
Target Compounds			
1) T n-Nonane (C9)	3.318	2357371	18.238 ug/ml
2) T n-Decane (C10)	4.568	2373510	18.627 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2692318	18.625 ug/ml
4) T n-Dodecane (C12)	6.732	2411109	18.572 ug/ml
5) T A~2-methylnaphthalene...	7.366	2540603	18.759 ug/ml
6) T n-Tetradecane (C14)	8.559	2476985	18.693 ug/ml
7) T n-Hexadecane (C16)	10.165	2617783	19.028 ug/ml
8) T n-Octadecane (C18)	11.608	2711244	19.358 ug/ml
10) T n-Eicosane (C20)	12.917	2676393	19.606 ug/ml
11) T n-Heneicosane (C21)	13.527	2687509	19.704 ug/mlm
13) T n-Docosane (C22)	14.115	2693915	19.914 ug/ml
14) T n-Tetracosane (C24)	15.218	2714742	20.223 ug/ml
15) T n-Hexacosane (C26)	16.238	2673454	20.532 ug/ml
16) T n-Octacosane (C28)	17.189	2739525	21.286 ug/ml
17) T n-Tricontane (C30)	18.076	2945288	22.876 ug/mlm
18) T n-Dotriacontane (C32)	18.909	3016551	23.294 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2787505	22.095 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2512985	20.783 ug/ml
21) T n-Octatriacontane (C38)	21.169	2597338	21.031 ug/ml
22) T n-Tetracontane (C40)	22.080	2380005	18.952 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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