

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111622AL\
 Data File : FE038797.D
 Signal(s) : FID1B.ch
 Acq On : 16 Nov 2022 14:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2022
 Supervised By :Ankita Jodhani 11/17/2022

Integration File: autoint1.e
 Quant Time: Nov 17 03:33:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.961	2815808	16.364 ug/ml
Spiked Amount 50.000		Recovery =	32.73%
12) S 1-chlorooctadecane (S...	13.395	2197399	16.051 ug/ml
Spiked Amount 50.000		Recovery =	32.10%
Target Compounds			
1) T n-Nonane (C9)	3.353	2609143	16.941 ug/ml
2) T n-Decane (C10)	4.603	2684875	17.297 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2904764	17.152 ug/ml
4) T n-Dodecane (C12)	6.766	2676794	17.135 ug/ml
5) T A~2-methylnaphthalene...	7.402	2828389	16.877 ug/ml
6) T n-Tetradecane (C14)	8.593	2669193	17.068 ug/ml
7) T n-Hexadecane (C16)	10.198	2689022	17.020 ug/ml
8) T n-Octadecane (C18)	11.641	2685021	16.763 ug/ml
10) T n-Eicosane (C20)	12.950	2649822	16.446 ug/ml
11) T n-Heneicosane (C21)	13.562	2622756	16.237 ug/ml
13) T n-Docosane (C22)	14.148	2612857	16.185 ug/ml
14) T n-Tetracosane (C24)	15.250	2580548	16.088 ug/ml
15) T n-Hexacosane (C26)	16.271	2541861	16.003 ug/ml
16) T n-Octacosane (C28)	17.220	2580297	16.446 ug/ml
17) T n-Tricontane (C30)	18.107	2791505	17.495 ug/mlm
18) T n-Dotriacontane (C32)	18.939	2937872	18.633 ug/ml
19) T n-Tetratriacontane (C34)	19.723	2835707	19.235 ug/mlm
20) T n-Hexatriacontane (C36)	20.464	2873039	20.107 ug/ml
21) T n-Octatriacontane (C38)	21.207	2891857	21.411 ug/ml
22) T n-Tetracontane (C40)	22.135	2942710	23.312 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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