

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111522AL\
 Data File : FE038772.D
 Signal(s) : FID1B.ch
 Acq On : 15 Nov 2022 13:39
 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 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File: autoint1.e
 Quant Time: Nov 16 04:01:00 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)	11.964	2788841	16.207 ug/ml
Spiked Amount 50.000		Recovery =	32.41%
12) S 1-chlorooctadecane (S...	13.397	2164548	15.811 ug/ml
Spiked Amount 50.000		Recovery =	31.62%
Target Compounds			
1) T n-Nonane (C9)	3.355	2632914	17.095 ug/ml
2) T n-Decane (C10)	4.604	2705450	17.430 ug/ml
3) T A~Naphthalene (C11.7)	6.310	2902473	17.139 ug/ml
4) T n-Dodecane (C12)	6.768	2697028	17.265 ug/ml
5) T A~2-methylnaphthalene...	7.404	2826223	16.864 ug/ml
6) T n-Tetradecane (C14)	8.594	2676132	17.112 ug/ml
7) T n-Hexadecane (C16)	10.201	2677648	16.948 ug/ml
8) T n-Octadecane (C18)	11.643	2662990	16.625 ug/ml
10) T n-Eicosane (C20)	12.953	2617602	16.246 ug/ml
11) T n-Heneicosane (C21)	13.564	2590201	16.035 ug/ml
13) T n-Docosane (C22)	14.150	2578361	15.971 ug/ml
14) T n-Tetracosane (C24)	15.253	2545064	15.867 ug/ml
15) T n-Hexacosane (C26)	16.274	2509711	15.801 ug/ml
16) T n-Octacosane (C28)	17.223	2528251	16.115 ug/ml
17) T n-Tricontane (C30)	18.110	2718928	17.040 ug/mlm
18) T n-Dotriacontane (C32)	18.944	2862123	18.153 ug/ml
19) T n-Tetratriacontane (C34)	19.728	2788652	18.916 ug/mlm
20) T n-Hexatriacontane (C36)	20.467	2851804	19.959 ug/mlm
21) T n-Octatriacontane (C38)	21.212	2808862	20.797 ug/ml
22) T n-Tetracontane (C40)	22.137	2871137	22.745 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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