

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111022AL\
 Data File : FE038706.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2022 12:04
 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 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File: autoint1.e
 Quant Time: Nov 11 03:44:59 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	3074608	17.868 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
12) S 1-chlorooctadecane (S...	13.397	2417272	17.657 ug/ml
Spiked Amount 50.000		Recovery =	35.31%
Target Compounds			
1) T n-Nonane (C9)	3.358	2931497	19.034 ug/ml
2) T n-Decane (C10)	4.607	2987948	19.250 ug/ml
3) T A~Naphthalene (C11.7)	6.312	3203140	18.914 ug/ml
4) T n-Dodecane (C12)	6.770	2988329	19.129 ug/ml
5) T A~2-methylnaphthalene...	7.406	3131920	18.689 ug/ml
6) T n-Tetradecane (C14)	8.596	2964702	18.957 ug/ml
7) T n-Hexadecane (C16)	10.202	2949612	18.670 ug/ml
8) T n-Octadecane (C18)	11.644	2924936	18.260 ug/ml
10) T n-Eicosane (C20)	12.953	2867116	17.794 ug/ml
11) T n-Heneicosane (C21)	13.564	2843910	17.606 ug/ml
13) T n-Docosane (C22)	14.149	2837243	17.574 ug/ml
14) T n-Tetracosane (C24)	15.253	2807455	17.503 ug/ml
15) T n-Hexacosane (C26)	16.272	2782171	17.516 ug/ml
16) T n-Octacosane (C28)	17.221	2853424	18.187 ug/ml
17) T n-Tricontane (C30)	18.107	3106985	19.472 ug/mlm
18) T n-Dotriacontane (C32)	18.940	3264714	20.706 ug/ml
19) T n-Tetratriacontane (C34)	19.724	3100320	21.030 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	3054444	21.377 ug/ml
21) T n-Octatriacontane (C38)	21.207	2987880	22.122 ug/ml
22) T n-Tetracontane (C40)	22.134	2973856	23.559 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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