

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120622AL\
 Data File : FE039161.D
 Signal(s) : FID1B.ch
 Acq On : 06 Dec 2022 19:27
 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 12/07/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
 Quant Time: Dec 07 04:26:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.942	2969308	18.981 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
12) S 1-chlorooctadecane (S...	13.376	2264443	18.755 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	3.338	2505308	17.674 ug/ml
2) T n-Decane (C10)	4.588	2454159	17.608 ug/ml
3) T A~Naphthalene (C11.7)	6.290	2839790	17.854 ug/ml
4) T n-Dodecane (C12)	6.751	2495216	17.702 ug/ml
5) T A~2-methylnaphthalene...	7.384	2673700	17.864 ug/ml
6) T n-Tetradecane (C14)	8.576	2545667	17.824 ug/ml
7) T n-Hexadecane (C16)	10.182	2657637	18.177 ug/ml
8) T n-Octadecane (C18)	11.624	2733094	18.574 ug/ml
10) T n-Eicosane (C20)	12.932	2685706	18.918 ug/ml
11) T n-Heneicosane (C21)	13.544	2690396	18.933 ug/ml
13) T n-Docosane (C22)	14.129	2677788	19.156 ug/ml
14) T n-Tetracosane (C24)	15.232	2667252	19.313 ug/ml
15) T n-Hexacosane (C26)	16.253	2606554	19.406 ug/ml
16) T n-Octacosane (C28)	17.202	2565433	19.318 ug/ml
17) T n-Tricontane (C30)	18.088	2534465	19.192 ug/ml
18) T n-Dotriacontane (C32)	18.920	2509403	18.816 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2410542	18.217 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2255642	17.558 ug/mlm
21) T n-Octatriacontane (C38)	21.181	2209324	16.860 ug/ml
22) T n-Tetracontane (C40)	22.096	2168436	15.925 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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