

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020924AL\
 Data File : FE046669.D
 Signal(s) : FID1B.ch
 Acq On : 09 Feb 2024 12:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 02/12/2024
 Supervised By :Sohil Jodhani 02/12/2024

Integration File: autoint1.e
 Quant Time: Feb 10 03:53:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.809	3465959	18.744 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
12) S 1-chlorooctadecane (S...	13.251	2618312	18.403 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
Target Compounds			
1) T n-Nonane (C9)	3.198	3297436	20.414 ug/mlm
2) T n-Decane (C10)	4.449	3397517	20.731 ug/ml
3) T A~Naphthalene (C11.7)	6.153	3487844	20.397 ug/ml
4) T n-Dodecane (C12)	6.616	3424773	20.705 ug/ml
5) T A~2-methylnaphthalene...	7.250	3294006	20.653 ug/ml
6) T n-Tetradecane (C14)	8.442	3337639	20.364 ug/ml
7) T n-Hexadecane (C16)	10.051	3389787	19.837 ug/ml
8) T n-Octadecane (C18)	11.496	3369326	19.326 ug/ml
10) T n-Eicosane (C20)	12.805	3172060	18.683 ug/ml
11) T n-Heneicosane (C21)	13.418	3095706	18.561 ug/ml
13) T n-Docosane (C22)	14.006	3061522	18.480 ug/ml
14) T n-Tetracosane (C24)	15.109	3039122	18.419 ug/ml
15) T n-Hexacosane (C26)	16.130	2985173	18.495 ug/ml
16) T n-Octacosane (C28)	17.083	2961763	18.867 ug/ml
17) T n-Tricontane (C30)	17.971	3049914	19.472 ug/ml
18) T n-Dotriacontane (C32)	18.805	2980122	19.715 ug/ml
19) T n-Tetratriacontane (C34)	19.592	2854918	20.128 ug/mlm
20) T n-Hexatriacontane (C36)	20.332	2731988	19.820 ug/mlm
21) T n-Octatriacontane (C38)	21.059	2755943	21.498 ug/ml
22) T n-Tetracontane (C40)	21.942	2696635	21.567 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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