

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052924AL\
 Data File : FE048442.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2024 20:37
 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 05/30/2024
 Supervised By :Ankita Jodhani 05/30/2024

Integration File: autoint1.e
 Quant Time: May 30 01:58:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.955	2631168	18.323 ug/ml
Spiked Amount 50.000		Recovery =	36.65%
12) S 1-chlorooctadecane (S...	13.389	2006512	18.418 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
Target Compounds			
1) T n-Nonane (C9)	3.340	2678682	17.917 ug/ml
2) T n-Decane (C10)	4.590	2746066	18.186 ug/ml
3) T A~Naphthalene (C11.7)	6.297	2705803	18.172 ug/ml
4) T n-Dodecane (C12)	6.756	2698448	18.230 ug/ml
5) T A~2-methylnaphthalene...	7.393	2547487	18.373 ug/ml
6) T n-Tetradecane (C14)	8.584	2590333	18.263 ug/ml
7) T n-Hexadecane (C16)	10.192	2590288	18.374 ug/ml
8) T n-Octadecane (C18)	11.635	2557041	18.411 ug/ml
10) T n-Eicosane (C20)	12.944	2441590	18.450 ug/ml
11) T n-Heneicosane (C21)	13.556	2380711	18.380 ug/ml
13) T n-Docosane (C22)	14.142	2403217	18.649 ug/ml
14) T n-Tetracosane (C24)	15.244	2492879	19.243 ug/ml
15) T n-Hexacosane (C26)	16.264	2526586	19.494 ug/ml
16) T n-Octacosane (C28)	17.212	2596053	20.085 ug/ml
17) T n-Tricontane (C30)	18.099	2736770	20.429 ug/ml
18) T n-Dotriacontane (C32)	18.932	2767626	20.389 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2692739	19.684 ug/mlm
20) T n-Hexatriacontane (C36)	20.454	2595006	19.090 ug/ml
21) T n-Octatriacontane (C38)	21.192	2485708	18.227 ug/ml
22) T n-Tetracontane (C40)	22.113	2535782	18.520 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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