

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052024AL\
 Data File : FE048274.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2024 09:07
 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 05/20/2024
 Supervised By :Ankita Jodhani 05/21/2024

Integration File: autoint1.e
 Quant Time: May 20 11:28:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.958	2760989	19.138 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	13.391	2094704	18.746 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T n-Nonane (C9)	3.345	2616692	20.303 ug/ml
2) T n-Decane (C10)	4.593	2806507	21.317 ug/ml
3) T A~Naphthalene (C11.7)	6.300	2764068	20.018 ug/ml
4) T n-Dodecane (C12)	6.759	2785169	20.892 ug/ml
5) T A~2-methylnaphthalene...	7.396	2633891	19.793 ug/ml
6) T n-Tetradecane (C14)	8.587	2682180	20.240 ug/ml
7) T n-Hexadecane (C16)	10.194	2716829	19.754 ug/ml
8) T n-Octadecane (C18)	11.637	2696865	19.361 ug/ml
10) T n-Eicosane (C20)	12.946	2575779	19.130 ug/ml
11) T n-Heneicosane (C21)	13.558	2502671	18.906 ug/ml
13) T n-Docosane (C22)	14.143	2556504	19.291 ug/ml
14) T n-Tetracosane (C24)	15.246	2694421	20.235 ug/ml
15) T n-Hexacosane (C26)	16.266	2802495	21.001 ug/ml
16) T n-Octacosane (C28)	17.214	2983787	22.410 ug/ml
17) T n-Tricontane (C30)	18.101	3291786	23.851 ug/ml
18) T n-Dotriacontane (C32)	18.933	3319655	24.034 ug/ml
19) T n-Tetratriacontane (C34)	19.715	3038465	22.305 ug/ml
20) T n-Hexatriacontane (C36)	20.455	2863540	21.149 ug/ml
21) T n-Octatriacontane (C38)	21.191	2796261	20.253 ug/mlm
22) T n-Tetracontane (C40)	22.115	2993374	21.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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