

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102023AL\
 Data File : FE044948.D
 Signal(s) : FID1B.ch
 Acq On : 20 Oct 2023 13:08
 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 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File: autoint1.e
 Quant Time: Oct 20 13:46:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.901	3726998	18.592 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
12) S 1-chlorooctadecane (S...	13.342	2652646	17.925 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
Target Compounds			
1) T n-Nonane (C9)	3.285	3247982	19.362 ug/ml
2) T n-Decane (C10)	4.536	3314550	19.457 ug/ml
3) T A~Naphthalene (C11.7)	6.237	3526943	19.052 ug/ml
4) T n-Dodecane (C12)	6.702	3343692	19.370 ug/ml
5) T A~2-methylnaphthalene...	7.333	3384379	18.761 ug/ml
6) T n-Tetradecane (C14)	8.530	3288500	19.177 ug/ml
7) T n-Hexadecane (C16)	10.140	3306456	18.908 ug/ml
8) T n-Octadecane (C18)	11.586	3268801	18.742 ug/ml
10) T n-Eicosane (C20)	12.898	3097582	18.545 ug/ml
11) T n-Heneicosane (C21)	13.511	2987041	18.324 ug/ml
13) T n-Docosane (C22)	14.098	3000889	18.761 ug/ml
14) T n-Tetracosane (C24)	15.203	3038910	19.581 ug/ml
15) T n-Hexacosane (C26)	16.226	3073245	20.470 ug/ml
16) T n-Octacosane (C28)	17.178	3173713	21.613 ug/ml
17) T n-Tricontane (C30)	18.067	3313825	22.281 ug/ml
18) T n-Dotriacontane (C32)	18.902	3346238	22.294 ug/ml
19) T n-Tetratriacontane (C34)	19.687	3156972	21.207 ug/ml
20) T n-Hexatriacontane (C36)	20.429	3100166	20.165 ug/ml
21) T n-Octatriacontane (C38)	21.166	3136910	20.081 ug/mlm
22) T n-Tetracontane (C40)	22.087	3118263	18.659 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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