

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091123AL\
 Data File : FE044179.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2023 11:07
 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 09/11/2023
 Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e
 Quant Time: Sep 11 12:24:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.931	3840098	20.270 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	13.369	2828569	20.475 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T n-Nonane (C9)	3.320	3127800	19.173 ug/ml
2) T n-Decane (C10)	4.571	3220659	19.377 ug/ml
3) T A~Naphthalene (C11.7)	6.271	3459817	19.321 ug/ml
4) T n-Dodecane (C12)	6.734	3266219	19.421 ug/ml
5) T A~2-methylnaphthalene...	7.366	3365827	19.633 ug/ml
6) T n-Tetradecane (C14)	8.561	3263389	19.459 ug/ml
7) T n-Hexadecane (C16)	10.170	3334762	19.294 ug/ml
8) T n-Octadecane (C18)	11.614	3350320	19.247 ug/ml
10) T n-Eicosane (C20)	12.924	3264484	19.736 ug/ml
11) T n-Heneicosane (C21)	13.537	3177757	19.646 ug/ml
13) T n-Docosane (C22)	14.123	3251888	20.355 ug/ml
14) T n-Tetracosane (C24)	15.226	3371440	21.560 ug/ml
15) T n-Hexacosane (C26)	16.248	3428039	22.739 ug/ml
16) T n-Octacosane (C28)	17.198	3497389	24.235 ug/ml
17) T n-Tricontane (C30)	18.087	3616914	24.896 ug/ml
18) T n-Dotriacontane (C32)	18.922	3514346	24.671 ug/ml
19) T n-Tetratriacontane (C34)	19.706	3101536	22.163 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2914940	21.262 ug/ml
21) T n-Octatriacontane (C38)	21.189	2867062	20.654 ug/ml
22) T n-Tetracontane (C40)	22.109	2909178	21.041 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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