

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090324AL\
 Data File : FE049891.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2024 13:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/04/2024
 Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e
 Quant Time: Sep 04 01:32:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.878	3296377	20.384 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	13.313	2516211	20.624 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	3.268	3105793	20.069 ug/ml
2) T n-Decane (C10)	4.519	3167847	20.064 ug/ml
3) T A~Naphthalene (C11.7)	6.226	3245744	20.229 ug/ml
4) T n-Dodecane (C12)	6.686	3175199	20.197 ug/ml
5) T A~2-methylnaphthalene...	7.322	3048876	20.359 ug/ml
6) T n-Tetradecane (C14)	8.513	3099052	20.074 ug/ml
7) T n-Hexadecane (C16)	10.118	3171691	20.308 ug/ml
8) T n-Octadecane (C18)	11.560	3206737	20.418 ug/ml
10) T n-Eicosane (C20)	12.868	3056130	20.469 ug/ml
11) T n-Heneicosane (C21)	13.479	3001175	20.458 ug/ml
13) T n-Docosane (C22)	14.064	2974556	20.408 ug/ml
14) T n-Tetracosane (C24)	15.165	2965327	20.385 ug/ml
15) T n-Hexacosane (C26)	16.185	2910046	20.163 ug/ml
16) T n-Octacosane (C28)	17.132	2917249	20.253 ug/ml
17) T n-Tricontane (C30)	18.020	2997104	20.020 ug/ml
18) T n-Dotriacontane (C32)	18.851	3020374	19.965 ug/ml
19) T n-Tetratriacontane (C34)	19.633	3069506	20.078 ug/ml
20) T n-Hexatriacontane (C36)	20.372	3075468	20.253 ug/mlm
21) T n-Octatriacontane (C38)	21.100	3119519	19.875 ug/ml
22) T n-Tetracontane (C40)	21.989	3082318	20.188 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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