

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090924AL\
 Data File : FE049965.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 09:11
 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 09/10/2024
 Supervised By :Ankita Jodhani 09/10/2024

Integration File: autoint1.e
 Quant Time: Sep 10 01:59:58 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)	11.880	3117660	19.279 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	13.315	2400572	19.676 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
Target Compounds			
1) T n-Nonane (C9)	3.268	2714580	17.541 ug/ml
2) T n-Decane (C10)	4.518	2890862	18.309 ug/ml
3) T A~Naphthalene (C11.7)	6.227	2966644	18.489 ug/ml
4) T n-Dodecane (C12)	6.686	2938712	18.693 ug/ml
5) T A~2-methylnaphthalene...	7.323	2839449	18.961 ug/ml
6) T n-Tetradecane (C14)	8.513	2899778	18.783 ug/ml
7) T n-Hexadecane (C16)	10.119	3012236	19.287 ug/ml
8) T n-Octadecane (C18)	11.561	3055522	19.455 ug/ml
10) T n-Eicosane (C20)	12.870	2930808	19.629 ug/ml
11) T n-Heneicosane (C21)	13.481	2862926	19.516 ug/ml
13) T n-Docosane (C22)	14.066	2881618	19.771 ug/mlm
14) T n-Tetracosane (C24)	15.168	2947410	20.262 ug/ml
15) T n-Hexacosane (C26)	16.188	2933232	20.324 ug/ml
16) T n-Octacosane (C28)	17.136	3082341	21.399 ug/ml
17) T n-Tricontane (C30)	18.022	3494211	23.341 ug/ml
18) T n-Dotriacontane (C32)	18.854	3668552	24.250 ug/ml
19) T n-Tetratriacontane (C34)	19.638	3545659	23.192 ug/ml
20) T n-Hexatriacontane (C36)	20.377	3363016	22.147 ug/ml
21) T n-Octatriacontane (C38)	21.104	3196431	20.366 ug/ml
22) T n-Tetracontane (C40)	21.997	2822821	18.489 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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