

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101524AL\
 Data File : FD048526.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 14:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:29:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 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)	11.262	3723886	18.768 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	12.704	2821856	18.863 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
Target Compounds			
1) T n-Nonane (C9)	3.123	3171823	18.885 ug/ml
2) T n-Decane (C10)	4.168	3296901	18.997 ug/ml
3) T A~Naphthalene (C11.7)	5.715	3617897	19.149 ug/ml
4) T n-Dodecane (C12)	6.162	3351242	19.141 ug/ml
5) T A~2-methylnaphthalene...	6.762	3497687	19.430 ug/ml
6) T n-Tetradecane (C14)	7.943	3320982	19.033 ug/ml
7) T n-Hexadecane (C16)	9.533	3405770	18.898 ug/ml
8) T n-Octadecane (C18)	10.966	3418002	18.828 ug/ml
10) T n-Eicosane (C20)	12.267	3276028	18.783 ug/ml
11) T n-Heneicosane (C21)	12.875	3211691	18.772 ug/ml
13) T n-Docosane (C22)	13.458	3177911	18.608 ug/ml
14) T n-Tetracosane (C24)	14.555	3130423	18.482 ug/ml
15) T n-Hexacosane (C26)	15.570	3048034	18.414 ug/ml
16) T n-Octacosane (C28)	16.515	3017786	18.330 ug/ml
17) T n-Tricontane (C30)	17.398	3210021	18.723 ug/ml
18) T n-Dotriacontane (C32)	18.226	3152602	18.842 ug/ml
19) T n-Tetratriacontane (C34)	19.005	2716006	18.825 ug/ml
20) T n-Hexatriacontane (C36)	19.740	2305154	19.199 ug/ml
21) T n-Octatriacontane (C38)	20.438	2077441	18.552 ug/mlm
22) T n-Tetracontane (C40)	21.219	1939172	19.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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