

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062624AL\
 Data File : FE048892.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2024 08:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Ankita Jodhani 06/26/2024

Integration File: autoint1.e
 Quant Time: Jun 26 10:59:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.934	3264500	19.523 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
12) S 1-chlorooctadecane (S...	13.370	2489551	19.360 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T n-Nonane (C9)	3.323	3128928	20.812 ug/ml
2) T n-Decane (C10)	4.571	3196427	20.771 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3262859	20.553 ug/ml
4) T n-Dodecane (C12)	6.736	3183162	20.620 ug/ml
5) T A~2-methylnaphthalene...	7.372	3105563	20.507 ug/ml
6) T n-Tetradecane (C14)	8.564	3119360	20.353 ug/ml
7) T n-Hexadecane (C16)	10.172	3188523	20.393 ug/ml
8) T n-Octadecane (C18)	11.615	3198634	20.056 ug/ml
10) T n-Eicosane (C20)	12.924	3049561	19.670 ug/ml
11) T n-Heneicosane (C21)	13.535	2981375	19.580 ug/ml
13) T n-Docosane (C22)	14.121	2945472	19.476 ug/ml
14) T n-Tetracosane (C24)	15.223	2901575	19.308 ug/ml
15) T n-Hexacosane (C26)	16.244	2845826	19.276 ug/ml
16) T n-Octacosane (C28)	17.193	2815174	19.521 ug/ml
17) T n-Tricontane (C30)	18.081	2918017	19.946 ug/ml
18) T n-Dotriacontane (C32)	18.912	2901325	20.292 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2814555	20.341 ug/mlm
20) T n-Hexatriacontane (C36)	20.435	2692684	20.718 ug/ml
21) T n-Octatriacontane (C38)	21.171	2645671	20.638 ug/ml
22) T n-Tetracontane (C40)	22.087	2749441	22.452 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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