

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112124AL\
 Data File : FE051376.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2024 05:25
 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 11/22/2024
 Supervised By :Ankita Jodhani 11/22/2024

Integration File: autoint1.e
 Quant Time: Nov 22 03:44:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.842	3272240	21.801 ug/ml
Spiked Amount 50.000		Recovery =	43.60%
12) S 1-chlorooctadecane (S...	13.275	2537809	22.353 ug/ml
Spiked Amount 50.000		Recovery =	44.71%
Target Compounds			
1) T n-Nonane (C9)	3.233	2968035	21.450 ug/ml
2) T n-Decane (C10)	4.480	3027122	21.595 ug/ml
3) T A~Naphthalene (C11.7)	6.193	2794830	21.197 ug/ml
4) T n-Dodecane (C12)	6.646	3044690	21.563 ug/ml
5) T A~2-methylnaphthalene...	7.289	2817931	22.526 ug/mlm
6) T n-Tetradecane (C14)	8.473	3001310	21.536 ug/ml
7) T n-Hexadecane (C16)	10.079	3075750	21.674 ug/ml
8) T n-Octadecane (C18)	11.521	3121595	21.859 ug/ml
10) T n-Eicosane (C20)	12.828	3013411	22.019 ug/ml
11) T n-Heneicosane (C21)	13.440	2954386	22.106 ug/ml
13) T n-Docosane (C22)	14.025	2927782	22.022 ug/ml
14) T n-Tetracosane (C24)	15.126	2903611	21.888 ug/ml
15) T n-Hexacosane (C26)	16.146	2827567	21.122 ug/ml
16) T n-Octacosane (C28)	17.095	2737290	20.079 ug/ml
17) T n-Tricontane (C30)	17.981	2709782	18.651 ug/ml
18) T n-Dotriacontane (C32)	18.813	2625260	17.681 ug/ml
19) T n-Tetratriacontane (C34)	19.595	2333766	17.369 ug/ml
20) T n-Hexatriacontane (C36)	20.335	2091461	17.528 ug/ml
21) T n-Octatriacontane (C38)	21.058	1948287	17.118 ug/ml
22) T n-Tetracontane (C40)	21.938	1904746	17.126 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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