

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120924AL\
 Data File : FC067945.D
 Signal(s) : FID1A.ch
 Acq On : 09 Dec 2024 13:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
 Quant Time: Dec 10 04:37:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.472	4090049	21.096 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
12) S 1-chlorooctadecane (S...	12.911	3025164	20.840 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	3.253	3578175	21.937 ug/ml
2) T n-Decane (C10)	4.315	3719839	22.431 ug/ml
3) T A~Naphthalene (C11.7)	5.890	4099980	22.385 ug/ml
4) T n-Dodecane (C12)	6.330	3805432	22.594 ug/ml
5) T A~2-methylnaphthalene...	6.945	3980416	22.443 ug/ml
6) T n-Tetradecane (C14)	8.122	3777911	22.558 ug/ml
7) T n-Hexadecane (C16)	9.722	3844303	22.183 ug/ml
8) T n-Octadecane (C18)	11.161	3821428	21.720 ug/mlm
10) T n-Eicosane (C20)	12.469	3577841	21.248 ug/ml
11) T n-Heneicosane (C21)	13.081	3466435	21.068 ug/ml
13) T n-Docosane (C22)	13.665	3404283	20.904 ug/ml
14) T n-Tetracosane (C24)	14.767	3298910	20.569 ug/ml
15) T n-Hexacosane (C26)	15.787	3190239	20.601 ug/ml
16) T n-Octacosane (C28)	16.735	3135853	20.764 ug/ml
17) T n-Tricontane (C30)	17.622	3205653	20.937 ug/ml
18) T n-Dotriacontane (C32)	18.453	3107106	21.038 ug/ml
19) T n-Tetratriacontane (C34)	19.234	2716362	21.536 ug/ml
20) T n-Hexatriacontane (C36)	19.972	2324668	22.227 ug/ml
21) T n-Octatriacontane (C38)	20.695	2179175	22.308 ug/ml
22) T n-Tetracontane (C40)	21.574	2103879	21.586 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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