

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112724AL\
 Data File : FE051477.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2024 07:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: sample.E
 Quant Time: Nov 28 03:03:54 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)	11.832	3267394	21.769 ug/ml
Spiked Amount 50.000		Recovery =	43.54%
12) S 1-chlorooctadecane (S...	13.265	2494538	21.972 ug/ml
Spiked Amount 50.000		Recovery =	43.94%
Target Compounds			
1) T n-Nonane (C9)	3.224	3027679	21.881 ug/ml
2) T n-Decane (C10)	4.472	3090654	22.048 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3063614	23.236 ug/ml
4) T n-Dodecane (C12)	6.638	3089701	21.882 ug/ml
5) T A~2-methylnaphthalene...	7.282	2821330	22.554 ug/ml
6) T n-Tetradecane (C14)	8.465	3018455	21.659 ug/ml
7) T n-Hexadecane (C16)	10.069	3064793	21.597 ug/ml
8) T n-Octadecane (C18)	11.511	3101812	21.721 ug/ml
10) T n-Eicosane (C20)	12.818	2962532	21.647 ug/ml
11) T n-Heneicosane (C21)	13.429	2916764	21.825 ug/ml
13) T n-Docosane (C22)	14.014	2912497	21.907 ug/ml
14) T n-Tetracosane (C24)	15.115	2908048	21.921 ug/ml
15) T n-Hexacosane (C26)	16.134	2877237	21.493 ug/ml
16) T n-Octacosane (C28)	17.082	2857978	20.964 ug/ml
17) T n-Tricontane (C30)	17.969	2916066	20.071 ug/ml
18) T n-Dotriacontane (C32)	18.801	2882830	19.415 ug/ml
19) T n-Tetratriacontane (C34)	19.583	2532478	18.848 ug/ml
20) T n-Hexatriacontane (C36)	20.323	2236284	18.742 ug/ml
21) T n-Octatriacontane (C38)	21.042	2107457	18.516 ug/mlm
22) T n-Tetracontane (C40)	21.915	2187689	19.670 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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