

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122722AL\
 Data File : FE039507.D
 Signal(s) : FID1B.ch
 Acq On : 28 Dec 2022 02:28
 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 12/28/2022
 Supervised By :Ankita Jodhani 12/28/2022

Integration File: autoint1.e
 Quant Time: Dec 28 04:55:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.927	3241532	21.721 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
12) S 1-chlorooctadecane (S...	13.363	2495597	21.682 ug/ml
Spiked Amount 50.000		Recovery =	43.36%
Target Compounds			
1) T n-Nonane (C9)	3.326	2794468	21.619 ug/ml
2) T n-Decane (C10)	4.574	2770682	21.744 ug/ml
3) T A~Naphthalene (C11.7)	6.275	3105962	21.486 ug/ml
4) T n-Dodecane (C12)	6.736	2806156	21.615 ug/ml
5) T A~2-methylnaphthalene...	7.369	2915888	21.530 ug/ml
6) T n-Tetradecane (C14)	8.562	2855369	21.548 ug/ml
7) T n-Hexadecane (C16)	10.167	2959773	21.514 ug/ml
8) T n-Octadecane (C18)	11.609	3014635	21.524 ug/ml
10) T n-Eicosane (C20)	12.918	2947058	21.589 ug/ml
11) T n-Heneicosane (C21)	13.529	2950484	21.632 ug/mlm
13) T n-Docosane (C22)	14.116	2939301	21.728 ug/ml
14) T n-Tetracosane (C24)	15.219	2950005	21.976 ug/ml
15) T n-Hexacosane (C26)	16.239	2865564	22.007 ug/ml
16) T n-Octacosane (C28)	17.188	2899204	22.527 ug/ml
17) T n-Tricontane (C30)	18.076	2962567	23.010 ug/mlm
18) T n-Dotriacontane (C32)	18.908	2978675	23.001 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2802041	22.210 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2613178	21.611 ug/mlm
21) T n-Octatriacontane (C38)	21.168	2534734	20.525 ug/ml
22) T n-Tetracontane (C40)	22.078	2537834	20.208 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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