

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112923AL\
 Data File : FE045582.D
 Signal(s) : FID1B.ch
 Acq On : 29 Nov 2023 19:51
 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 11/30/2023
 Supervised By :Ankita Jodhani 11/30/2023

Integration File: autoint1.e
 Quant Time: Nov 29 23:48:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 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)	11.863	3914135	20.501 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	13.307	2813357	20.425 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T n-Nonane (C9)	3.252	3375232	20.431 ug/ml
2) T n-Decane (C10)	4.503	3474391	20.720 ug/ml
3) T A~Naphthalene (C11.7)	6.202	3653078	20.466 ug/ml
4) T n-Dodecane (C12)	6.669	3491635	20.675 ug/ml
5) T A~2-methylnaphthalene...	7.298	3500050	20.383 ug/ml
6) T n-Tetradecane (C14)	8.495	3422072	20.533 ug/ml
7) T n-Hexadecane (C16)	10.106	3445420	20.484 ug/ml
8) T n-Octadecane (C18)	11.551	3407683	20.360 ug/ml
10) T n-Eicosane (C20)	12.862	3232269	20.405 ug/ml
11) T n-Heneicosane (C21)	13.475	3155300	20.521 ug/ml
13) T n-Docosane (C22)	14.062	3113241	20.547 ug/ml
14) T n-Tetracosane (C24)	15.166	3113827	21.024 ug/ml
15) T n-Hexacosane (C26)	16.190	3057529	20.977 ug/ml
16) T n-Octacosane (C28)	17.140	3066208	20.983 ug/ml
17) T n-Tricontane (C30)	18.029	3191244	21.009 ug/ml
18) T n-Dotriacontane (C32)	18.863	3251882	20.816 ug/ml
19) T n-Tetratriacontane (C34)	19.649	3163459	20.261 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	3246643	20.002 ug/mlm
21) T n-Octatriacontane (C38)	21.126	3442951	20.723 ug/ml
22) T n-Tetracontane (C40)	22.030	3192473	18.690 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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