

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
 Data File : FE036226.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2022 13:33
 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 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 27 02:39:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.879	3601567	18.026 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
12) S 1-chlorooctadecane (S...	13.318	2798923	18.079 ug/ml
Spiked Amount 50.000		Recovery =	36.16%
Target Compounds			
1) T n-Nonane (C9)	3.266	3382397	18.806 ug/ml
2) T n-Decane (C10)	4.521	3375848	18.780 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3764958	18.765 ug/ml
4) T n-Dodecane (C12)	6.689	3457368	18.666 ug/ml
5) T A~2-methylnaphthalene...	7.320	3796357	18.649 ug/ml
6) T n-Tetradecane (C14)	8.516	3457102	18.492 ug/ml
7) T n-Hexadecane (C16)	10.123	3439440	18.366 ug/ml
8) T n-Octadecane (C18)	11.565	3377732	18.156 ug/ml
10) T n-Eicosane (C20)	12.874	3254005	17.962 ug/ml
11) T n-Heneicosane (C21)	13.485	3216633	17.907 ug/ml
13) T n-Docosane (C22)	14.073	3167261	17.914 ug/ml
14) T n-Tetracosane (C24)	15.175	3113790	18.180 ug/ml
15) T n-Hexacosane (C26)	16.195	3020545	18.282 ug/ml
16) T n-Octacosane (C28)	17.146	2934043	18.329 ug/mlm
17) T n-Tricontane (C30)	18.035	2892817	18.685 ug/ml
18) T n-Dotriacontane (C32)	18.867	2861160	19.579 ug/mlm
19) T n-Tetratriacontane (C34)	19.648	2721860	19.669 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	2829162	21.074 ug/mlm
21) T n-Octatriacontane (C38)	21.118	2774078	20.859 ug/mlm
22) T n-Tetracontane (C40)	22.022	3504225	25.061 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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