

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AL\
 Data File : FD044316.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 02:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 06:27:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 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)	11.293	3517294	22.345 ug/ml
Spiked Amount 50.000		Recovery =	44.69%
12) S 1-chlorooctadecane (S...	12.708	2746550	21.839 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
Target Compounds			
1) T n-Nonane (C9)	3.131	3012846	22.313 ug/ml
2) T n-Decane (C10)	4.179	3075153	22.889 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2966584	22.203 ug/mlm
4) T n-Dodecane (C12)	6.175	3156138	22.713 ug/ml
5) T A~2-methylnaphthalene...	6.800	2945693	22.654 ug/mlm
6) T n-Tetradecane (C14)	7.954	3209432	23.053 ug/ml
7) T n-Hexadecane (C16)	9.541	3259511	23.109 ug/ml
8) T n-Octadecane (C18)	10.970	3339198	22.964 ug/ml
10) T n-Eicosane (C20)	12.267	3357994	22.645 ug/ml
11) T n-Heneicosane (C21)	12.873	3336388	22.238 ug/ml
13) T n-Docosane (C22)	13.454	3506723	23.324 ug/ml
14) T n-Tetracosane (C24)	14.545	3481272	23.065 ug/ml
15) T n-Hexacosane (C26)	15.555	3385757	22.361 ug/ml
16) T n-Octacosane (C28)	16.494	3361393	22.311 ug/ml
17) T n-Tricontane (C30)	17.372	3461710	22.585 ug/ml
18) T n-Dotriacontane (C32)	18.195	3417382	22.284 ug/ml
19) T n-Tetratriacontane (C34)	18.967	3113461	21.149 ug/ml
20) T n-Hexatriacontane (C36)	19.698	2940268	20.054 ug/ml
21) T n-Octatriacontane (C38)	20.390	2792142	20.014 ug/ml
22) T n-Tetracontane (C40)	21.145	2628849	20.213 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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