

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042223AL\
 Data File : FE041490.D
 Signal(s) : FID1B.ch
 Acq On : 21 Apr 2023 21:47
 Operator : YP\AJ
 Sample : 02423-02MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPD-1WC-23-04-18MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File: autoint1.e
 Quant Time: Apr 22 04:06:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.981	3627057	19.333 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
12) S 1-chlorooctadecane (S...	13.418	2771785	19.621 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
Target Compounds			
1) T n-Nonane (C9)	3.380	6773877	46.082 ug/ml
2) T n-Decane (C10)	4.623	6835358	45.575 ug/ml
3) T A~Naphthalene (C11.7)	6.322	7499415	45.317 ug/ml
4) T n-Dodecane (C12)	6.783	6987643	45.958 ug/ml
5) T A~2-methylnaphthalene...	7.418	7076471	43.886 ug/ml
6) T n-Tetradecane (C14)	8.613	6905162	45.457 ug/ml
7) T n-Hexadecane (C16)	10.220	6988658	43.793 ug/ml
8) T n-Octadecane (C18)	11.664	7006084	42.743 ug/ml
10) T n-Eicosane (C20)	12.976	6827594	42.448 ug/ml
11) T n-Heneicosane (C21)	13.588	6739423	42.288 ug/ml
13) T n-Docosane (C22)	14.175	6610763	41.491 ug/ml
14) T n-Tetracosane (C24)	15.267	13143435	81.525 ug/ml
15) T n-Hexacosane (C26)	16.302	6278503	39.713 ug/ml
16) T n-Octacosane (C28)	17.251	6362314	41.348 ug/ml
17) T n-Tricontane (C30)	18.141	6316971	41.476 ug/ml
18) T n-Dotriacontane (C32)	18.972	5994697	40.239 ug/ml
19) T n-Tetratriacontane (C34)	19.757	5981775	42.461 ug/ml
20) T n-Hexatriacontane (C36)	20.497	5468516	40.892 ug/mlm
21) T n-Octatriacontane (C38)	21.254	5730385	43.368 ug/ml
22) T n-Tetracontane (C40)	22.204	5891744	46.534 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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