

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050823AL\
 Data File : FE041789.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2023 16:31
 Operator : YP\AJ
 Sample : 02652-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

CLAY-LINERMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/09/2023

Supervised By :Ankita Jodhani 05/09/2023

Integration File: autoint1.e

Quant Time: May 09 01:41:17 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)	12.002	6803374	36.264 ug/mlm
Spiked Amount 50.000		Recovery =	72.53%
12) S 1-chlorooctadecane (S...	13.442	5289767	37.445 ug/mlm
Spiked Amount 50.000		Recovery =	74.89%
Target Compounds			
1) T n-Nonane (C9)	3.353	4229826	28.775 ug/ml
2) T n-Decane (C10)	4.606	4876410	32.514 ug/ml
3) T A~Naphthalene (C11.7)	6.311	6007656	36.302 ug/ml
4) T n-Dodecane (C12)	6.774	6026375	39.636 ug/ml
5) T A~2-methylnaphthalene...	7.408	6668363	41.355 ug/ml
6) T n-Tetradecane (C14)	8.610	7201249	47.407 ug/mlm
7) T n-Hexadecane (C16)	10.229	7681954	48.137 ug/mlm
8) T n-Octadecane (C18)	11.689	7965673	48.597 ug/mlm
10) T n-Eicosane (C20)	13.001	8194216	50.945 ug/mlm
11) T n-Heneicosane (C21)	13.608	7295303	45.776 ug/mlm
13) T n-Docosane (C22)	14.186	6965400	43.717 ug/mlm
14) T n-Tetracosane (C24)	15.277	12719410	78.895 ug/mlm
15) T n-Hexacosane (C26)	16.296	6411110	40.552 ug/mlm
16) T n-Octacosane (C28)	17.241	6310532	41.012 ug/mlm
17) T n-Tricontane (C30)	18.129	6216388	40.816 ug/ml
18) T n-Dotriacontane (C32)	18.959	6015717	40.380 ug/ml
19) T n-Tetratriacontane (C34)	19.742	5929320	42.089 ug/ml
20) T n-Hexatriacontane (C36)	20.482	5645535	42.216 ug/ml
21) T n-Octatriacontane (C38)	21.235	5732876	43.387 ug/ml
22) T n-Tetracontane (C40)	22.174	5929844	46.835 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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