

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092724AL\
 Data File : FE050417.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2024 17:50
 Operator : YP\AJ
 Sample : P4212-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TEST-PIT-SOUTHMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/30/2024
 Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e
 Quant Time: Sep 28 00:18:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 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)	11.866	3385075	22.752 ug/mlm
Spiked Amount 50.000		Recovery =	45.50%
12) S 1-chlorooctadecane (S...	13.300	3194005	28.435 ug/ml
Spiked Amount 50.000		Recovery =	56.87%
Target Compounds			
1) T n-Nonane (C9)	3.258	4911234	36.233 ug/ml
2) T n-Decane (C10)	4.508	5494758	39.814 ug/ml
3) T A~Naphthalene (C11.7)	6.215	5885387	42.048 ug/ml
4) T n-Dodecane (C12)	6.673	5724007	41.393 ug/mlm
5) T A~2-methylnaphthalene...	7.311	5354507	40.738 ug/ml
6) T n-Tetradecane (C14)	8.501	6204074	45.561 ug/ml
7) T n-Hexadecane (C16)	10.106	6699106	48.229 ug/ml
8) T n-Octadecane (C18)	11.548	6963612	49.704 ug/ml
10) T n-Eicosane (C20)	12.858	7100817	52.934 ug/mlm
11) T n-Heneicosane (C21)	13.467	7002472	53.292 ug/ml
13) T n-Docosane (C22)	14.054	7014924	53.871 ug/ml
14) T n-Tetracosane (C24)	15.154	13510604	103.458 ug/ml
15) T n-Hexacosane (C26)	16.177	6633912	51.852 ug/ml
16) T n-Octacosane (C28)	17.124	7743888	60.119 ug/ml
17) T n-Tricontane (C30)	18.011	7029906	52.571 ug/ml
18) T n-Dotriacontane (C32)	18.841	7046831	52.882 ug/ml
19) T n-Tetratriacontane (C34)	19.624	7164261	57.982 ug/ml
20) T n-Hexatriacontane (C36)	20.364	7151966	64.461 ug/ml
21) T n-Octatriacontane (C38)	21.088	7189930	65.197 ug/mlm
22) T n-Tetracontane (C40)	21.974	6784344	62.348 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

