

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011725AL\
 Data File : FE051946.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jan 2025 14:53
 Operator : YP\AJ
 Sample : PB166099BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166099BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :Ankita Jodhani 01/21/2025

Integration File: autoint1.e

Quant Time: Jan 17 23:12:43 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M

Quant Title : GC Extractables

QLast Update : Thu Jan 16 16:05:07 2025

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)	12.179	5411824	37.864 ug/ml
Spiked Amount 50.000		Recovery =	75.73%
12) S 1-chlorooctadecane (S...	13.602	4615336	40.233 ug/ml
Spiked Amount 50.000		Recovery =	80.47%
Target Compounds			
1) T n-Nonane (C9)	3.618	4084717	38.314 ug/ml
2) T n-Decane (C10)	4.851	4332337	39.572 ug/ml
3) T A~Naphthalene (C11.7)	6.551	5058903	41.631 ug/ml
4) T n-Dodecane (C12)	6.992	4522061	40.066 ug/ml
5) T A~2-methylnaphthalene...	7.637	4750690	39.793 ug/ml
6) T n-Tetradecane (C14)	8.811	4762092	40.943 ug/ml
7) T n-Hexadecane (C16)	10.411	4920399	39.014 ug/ml
8) T n-Octadecane (C18)	11.850	5076059	38.366 ug/ml
10) T n-Eicosane (C20)	13.156	5319033	40.574 ug/ml
11) T n-Heneicosane (C21)	13.766	5133223	39.437 ug/ml
13) T n-Docosane (C22)	14.350	5132296	39.107 ug/ml
14) T n-Tetracosane (C24)	15.454	10620972	79.959 ug/ml
15) T n-Hexacosane (C26)	16.470	5044372	38.161 ug/ml
16) T n-Octacosane (C28)	17.414	4999594	37.880 ug/ml
17) T n-Tricontane (C30)	18.302	4970438	36.456 ug/ml
18) T n-Dotriacontane (C32)	19.131	4900353	37.392 ug/ml
19) T n-Tetratriacontane (C34)	19.912	4963703	44.089 ug/ml
20) T n-Hexatriacontane (C36)	20.650	4881125	51.390 ug/ml
21) T n-Octatriacontane (C38)	21.442	4944843	57.244 ug/mlm
22) T n-Tetracontane (C40)	22.456	5017274	60.881 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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