Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011323AL\
Data File : FC062659.D
Signal(s) : FID1A.ch
Acq On : 13 Jan 2023 23:05
Operator : YP/AJ
Sample : 01132-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
FID_C
**ClientSampleId :**
EPH-1MS

Integration File: autoint1.e
Quant Time: Jan 16 02:13:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
Quant Title : GC Extractables
QLast Update : Thu Jan 05 04:54:00 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 | | | |
| 12) S | 1-chlorooctadecane (S... | 12.995 | 3977906 | 37.763 ug/ml |
| Spiked Amount | 50.000 | | Recovery = | 75.53% |
| | Target Compounds | | | |
| 1) T | n-Nonane (C9) | 3.315 | 2961553 | 22.147 ug/ml |
| 2) T | n-Decane (C10) | 4.381 | 3501894 | 27.001 ug/ml |
| 4) T | n-Dodecane (C12) | 6.402 | 4075463 | 31.710 ug/ml |
| 6) T | n-Tetradecane (C14) | 8.199 | 4377141 | 34.003 ug/ml |
| 7) T | n-Hexadecane (C16) | 9.800 | 4835090 | 37.440 ug/ml |
| 8) T | n-Octadecane (C18) | 11.242 | 5077094 | 39.206 ug/ml |
| 10) T | n-Eicosane (C20) | 12.551 | 4868250 | 39.447 ug/ml |
| 11) T | n-Heneicosane (C21) | 13.163 | 4779244 | 38.994 ug/ml |
| 13) T | n-Docosane (C22) | 13.749 | 4731826 | 39.580 ug/ml |
| 14) T | n-Tetracosane (C24) | 14.850 | 4609121 | 39.576 ug/ml |
| 15) T | n-Hexacosane (C26) | 15.870 | 4481636 | 39.893 ug/ml |
| 16) T | n-Octacosane (C28) | 16.818 | 4370216 | 39.802 ug/ml |
| 17) T | n-Tricontane (C30) | 17.704 | 4293155 | 39.643 ug/ml |
| 18) T | n-Dotriacontane (C32) | 18.536 | 4319782 | 39.569 ug/ml |
| 19) T | n-Tetratriacontane (C34) | 19.317 | 4293543 | 39.492 ug/ml |
| 20) T | n-Hexatriacontane (C36) | 20.053 | 4071944 | 36.607 ug/ml |
| 21) T | n-Octatriacontane (C38) | 20.786 | 4100199 | 38.716 ug/ml |
| 22) T | n-Tetracontane (C40) | 21.691 | 4129884 | 38.780 ug/ml |

(f)=RT Delta > 1/2 Window (m)=manual int.

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