

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100220AL\  
 Data File : FC049897.D  
 Signal(s) : FID1A.CH  
 Acq On : 03 Oct 2020 3:33  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Ankita  
 10/5/2020 11:39:54 AM

Integration File: autoint1.e  
 Quant Time: Oct 03 04:05:01 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 05:58:47 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.654 | 2008459    | 17.481 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.96%        |
| 12) S 1-chlorooctadecane (S... | 13.087 | 1544550    | 17.340 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 34.68%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.392  | 2012007    | 19.449 ug/ml  |
| 2) T n-Decane (C10)            | 4.465  | 2023091    | 19.478 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.062  | 2176580    | 18.930 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.488  | 2025739    | 19.164 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.121  | 2188565    | 18.719 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.286  | 1977226    | 18.742 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.889  | 1898724    | 18.245 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.332 | 1934707    | 18.002 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.641 | 1887034    | 17.623 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.253 | 1854249    | 17.424 ug/ml  |
| 13) T n-Docosane (C22)         | 13.839 | 1837010    | 17.359 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.942 | 1804516    | 17.245 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.962 | 1764081    | 17.256 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.911 | 1763124    | 17.544 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.798 | 1779760    | 18.279 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.631 | 1712438    | 18.951 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.411 | 1626310    | 18.998 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.149 | 1602997    | 19.897 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.901 | 1635342    | 21.601 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.844 | 1607985    | 20.665 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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