

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101718\  
 Data File : FE028919.D  
 Signal(s) : FID1B.CH  
 Acq On : 17 Oct 2018 18:06  
 Operator : DD\SJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 18 08:16:33 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE092118.M  
 Quant Title :  
 QLast Update : Fri Sep 21 07:24:23 2018  
 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    |        |          |               |
| 13) S TETRACOSANE-d50 (SURR... | 14.935 | 9836569  | 47.626 ug/ml  |
| Target Compounds               |        |          |               |
| 1) N-OCTANE                    | 2.547  | 39163686 | 394.574 ug/ml |
| 2) N-NONANE                    | 3.572  | 41692220 | 404.055 ug/ml |
| 3) N-DECANE                    | 4.655  | 67591486 | 422.347 ug/ml |
| 4) N-UNDECANE                  | 5.698  | 70833800 | 606.707 ug/ml |
| 5) N-DODECANE                  | 6.685  | 72485337 | 597.452 ug/ml |
| 6) N-TETRADECANE               | 8.494  | 75417228 | 568.589 ug/ml |
| 7) N-HEXADECANE                | 10.099 | 62334892 | 416.459 ug/ml |
| 8) N-OCTADECANE                | 11.531 | 30071953 | 183.078 ug/ml |
| 9) N-EICOSANE                  | 12.831 | 11606829 | 66.179 ug/ml  |
| 10) N-TETRACOSANE              | 15.142 | 11045843 | 63.331 ug/ml  |
| 11) N-OCTACOSANE               | 17.112 | 5488179  | 35.739 ug/ml  |
| 12) N-DOTRIACONTANE            | 18.838 | 5732304  | 44.125 ug/ml  |
| 14) N-HEXATRIACONTANE          | 20.366 | 5587836  | 55.299 ug/ml  |
| 15) N-TETRACONTANE             | 22.159 | 4768412  | 65.948 ug/ml  |
| 16) N-TETRATETRAOCTANE         | 25.221 | 2748064  | 67.783 ug/mlm |
| -----                          |        |          |               |

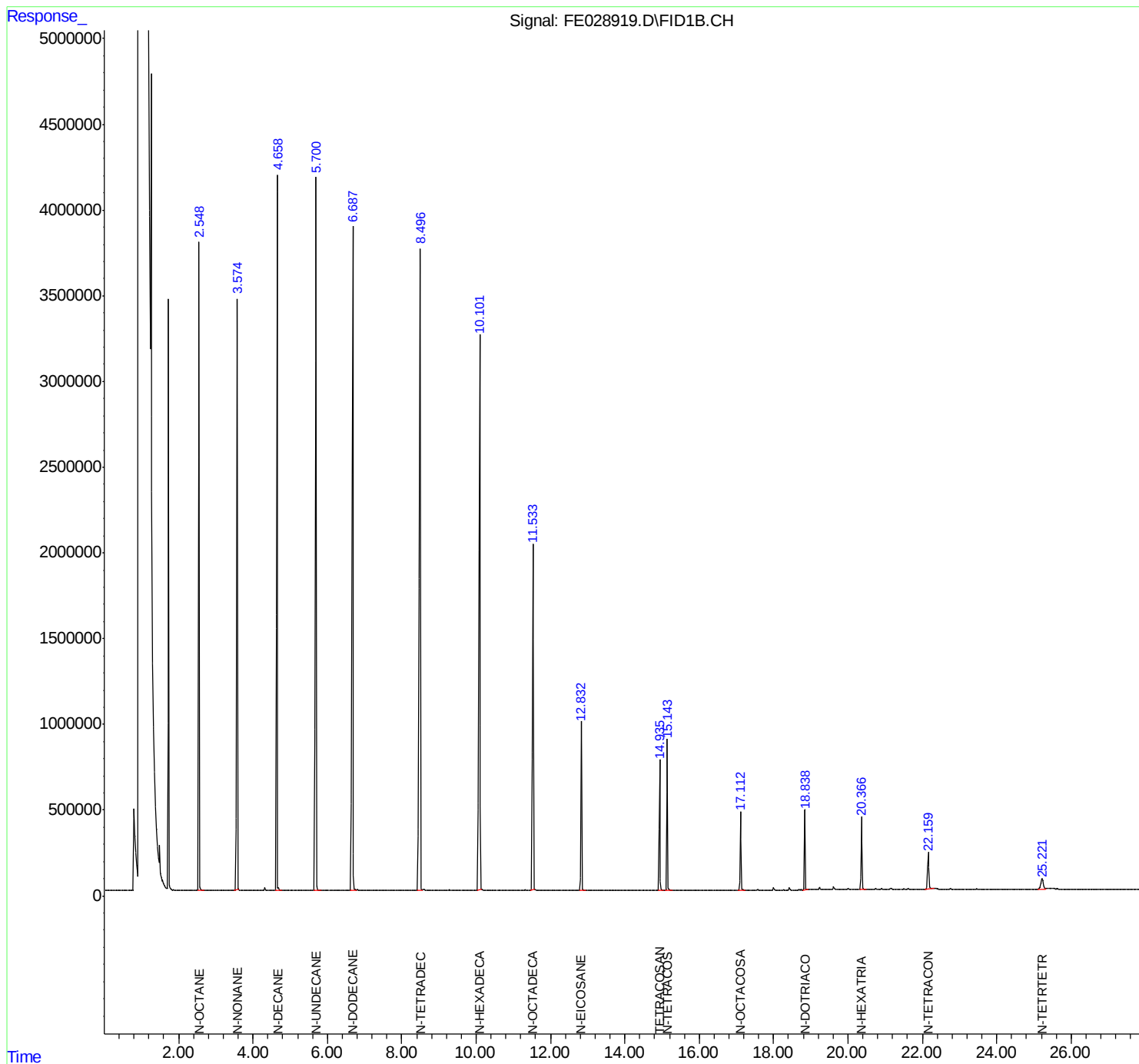
(f)=RT Delta > 1/2 Window

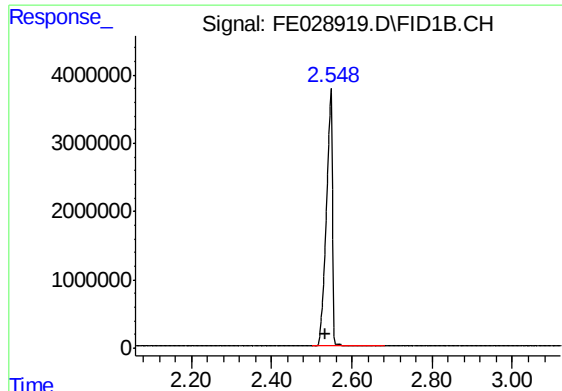
(m)=manual int.

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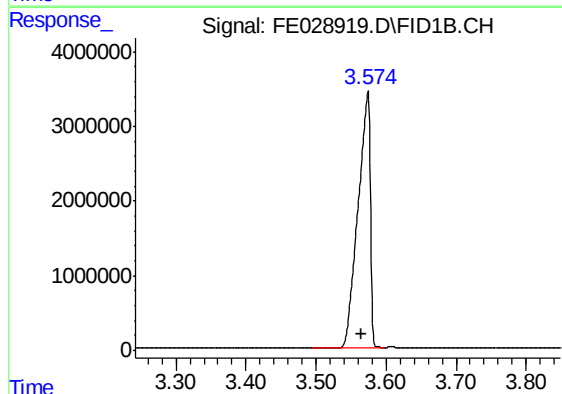
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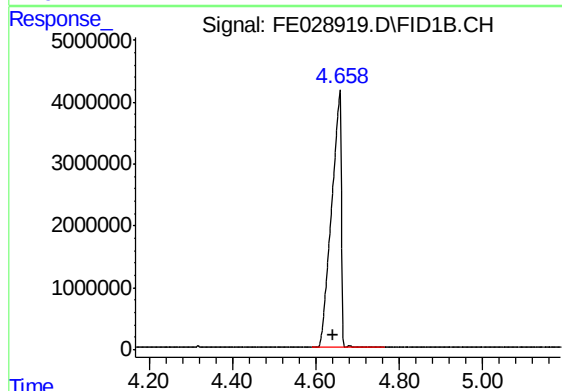
#1 N-OCTANE

R.T.: 2.547 min  
Delta R.T.: 0.011 min  
Response: 39163686  
Conc: 394.57 ug/ml



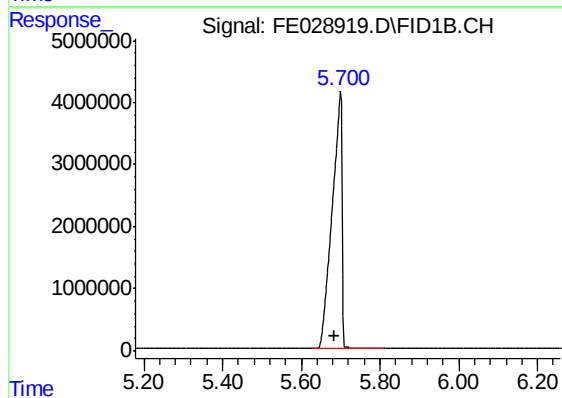
#2 N-NONANE

R.T.: 3.572 min  
Delta R.T.: 0.008 min  
Response: 41692220  
Conc: 404.05 ug/ml



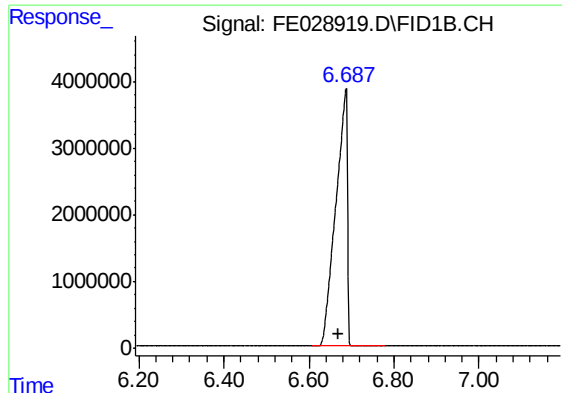
#3 N-DECANE

R.T.: 4.655 min  
Delta R.T.: 0.014 min  
Response: 67591486  
Conc: 422.35 ug/ml



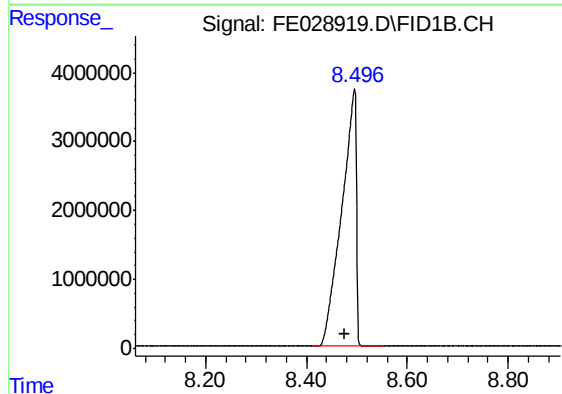
#4 N-UNDECANE

R.T.: 5.698 min  
Delta R.T.: 0.014 min  
Response: 70833800  
Conc: 606.71 ug/ml



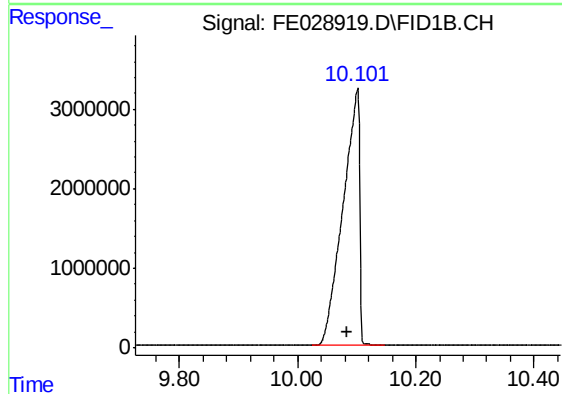
#5 N-DODECANE

R.T.: 6.685 min  
Delta R.T.: 0.015 min  
Response: 72485337  
Conc: 597.45 ug/ml



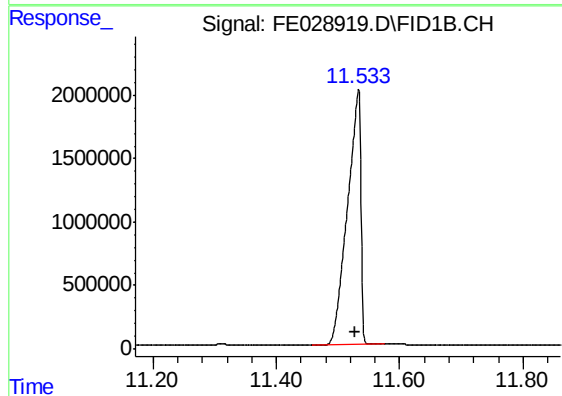
#6 N-TETRADECANE

R.T.: 8.494 min  
Delta R.T.: 0.018 min  
Response: 75417228  
Conc: 568.59 ug/ml



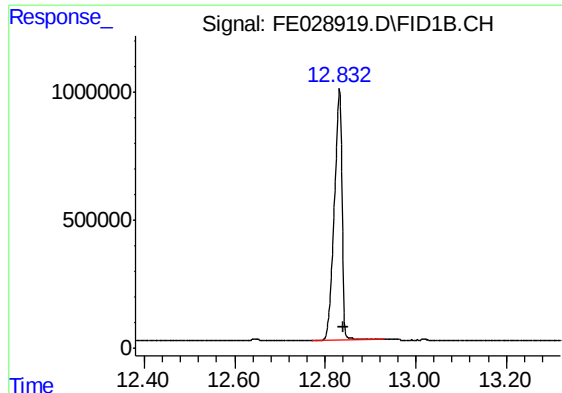
#7 N-HEXADECANE

R.T.: 10.099 min  
Delta R.T.: 0.015 min  
Response: 62334892  
Conc: 416.46 ug/ml



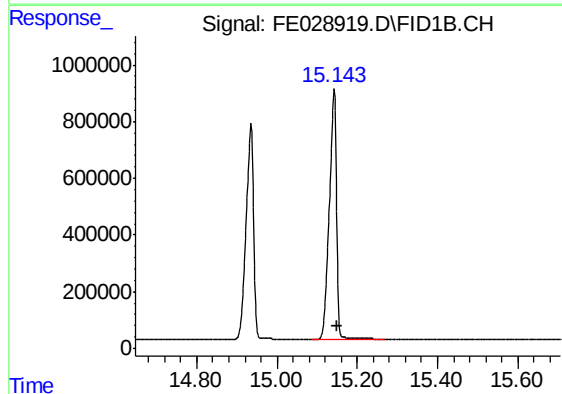
#8 N-OCTADECANE

R.T.: 11.531 min  
Delta R.T.: 0.004 min  
Response: 30071953  
Conc: 183.08 ug/ml



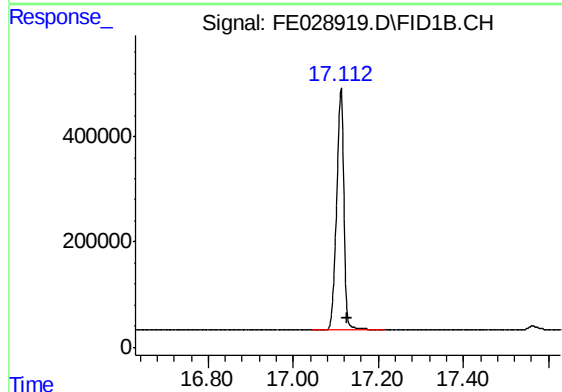
#9 N-EICOSANE

R.T.: 12.831 min  
Delta R.T.: -0.008 min  
Response: 11606829  
Conc: 66.18 ug/ml



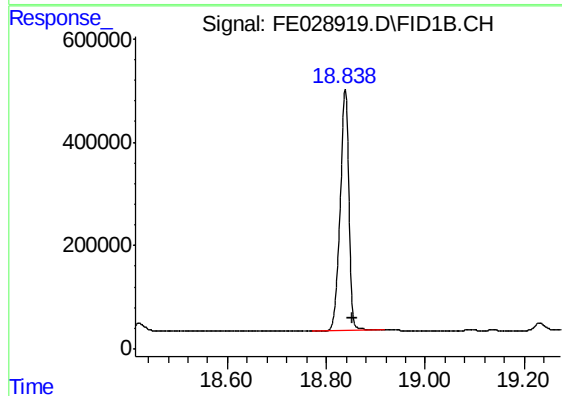
#10 N-TETRACOSANE

R.T.: 15.142 min  
Delta R.T.: -0.008 min  
Response: 11045843  
Conc: 63.33 ug/ml



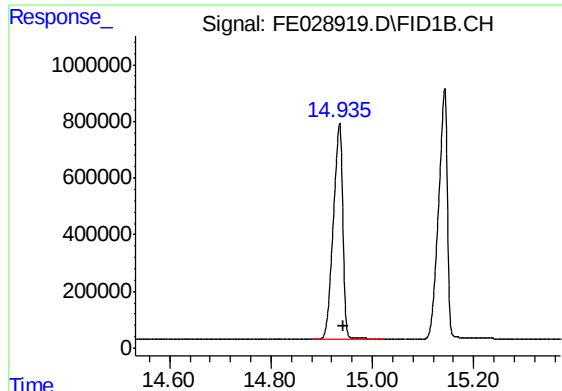
#11 N-OCTACOSANE

R.T.: 17.112 min  
Delta R.T.: -0.014 min  
Response: 5488179  
Conc: 35.74 ug/ml



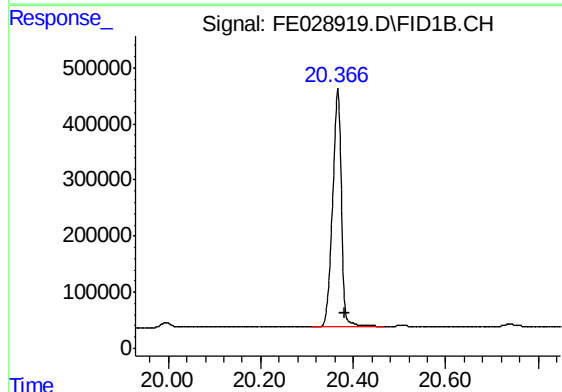
#12 N-DOTRIACONTANE

R.T.: 18.838 min  
Delta R.T.: -0.013 min  
Response: 5732304  
Conc: 44.12 ug/ml



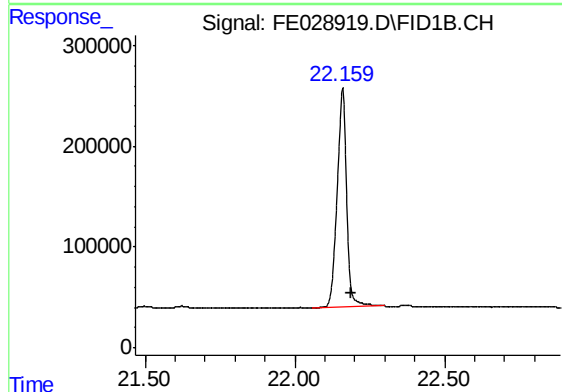
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.935 min  
Delta R.T.: -0.009 min  
Response: 9836569  
Conc: 47.63 ug/ml



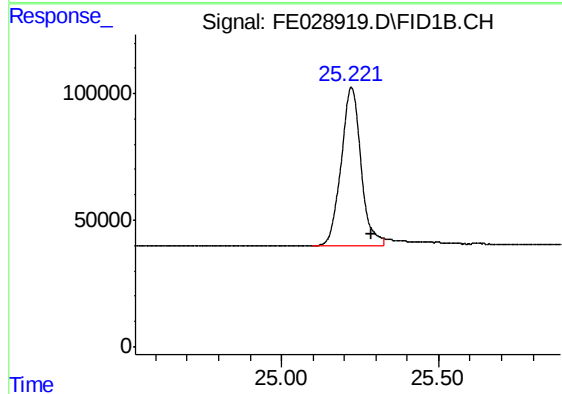
#14 N-HEXATRIACONTANE

R.T.: 20.366 min  
Delta R.T.: -0.014 min  
Response: 5587836  
Conc: 55.30 ug/ml



#15 N-TETRACONTANE

R.T.: 22.159 min  
Delta R.T.: -0.028 min  
Response: 4768412  
Conc: 65.95 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 25.221 min  
Delta R.T.: -0.065 min  
Response: 2748064  
Conc: 67.78 ug/ml m