

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE092719\  
 Data File : FE030591.D  
 Signal(s) : FID1B.CH  
 Acq On : 27 Sep 2019 13:14  
 Operator : DD\AJ  
 Sample : K5020-07MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 27 15:07:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE092619.M  
 Quant Title :  
 QLast Update : Thu Sep 26 13:30:16 2019  
 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... | 14.674 | 5404160  | 17.620 ug/ml  |
| Target Compounds               |        |          |               |
| 1) N-OCTANE                    | 2.374  | 4170786  | 13.157 ug/ml  |
| 3) N-DECANE                    | 4.413  | 6476709  | 13.352 ug/ml  |
| 4) N-UNDECANE                  | 5.442  | 47767    | 0.148 ug/mlm  |
| 5) N-DODECANE                  | 6.426  | 6771007  | 21.163 ug/ml  |
| 6) N-TETRADECANE               | 8.280  | 1835134  | 5.771 ug/ml   |
| 7) N-HEXADECANE                | 9.822  | 6793971  | 21.669 ug/ml  |
| 8) N-OCTADECANE                | 11.265 | 6805731  | 22.055 ug/mlm |
| 9) N-EICOSANE                  | 12.576 | 6632488  | 21.749 ug/ml  |
| 10) N-TETRACOSANE              | 14.674 | 5404160  | 35.240 ug/ml  |
| 11) N-OCTACOSANE               | 16.851 | 6804760  | 23.492 ug/ml  |
| 12) N-DOTRIACONTANE            | 18.570 | 6648957  | 23.838 ug/ml  |
| 14) N-HEXATRIACONTANE          | 20.094 | 6478350  | 25.410 ug/ml  |
| 15) N-TETRACONTANE             | 21.733 | 6549462  | 30.714 ug/ml  |
| 16) N-TETRTETRACOOCTANE        | 24.482 | 394470   | 2.326 ug/ml   |
| -----                          |        |          |               |

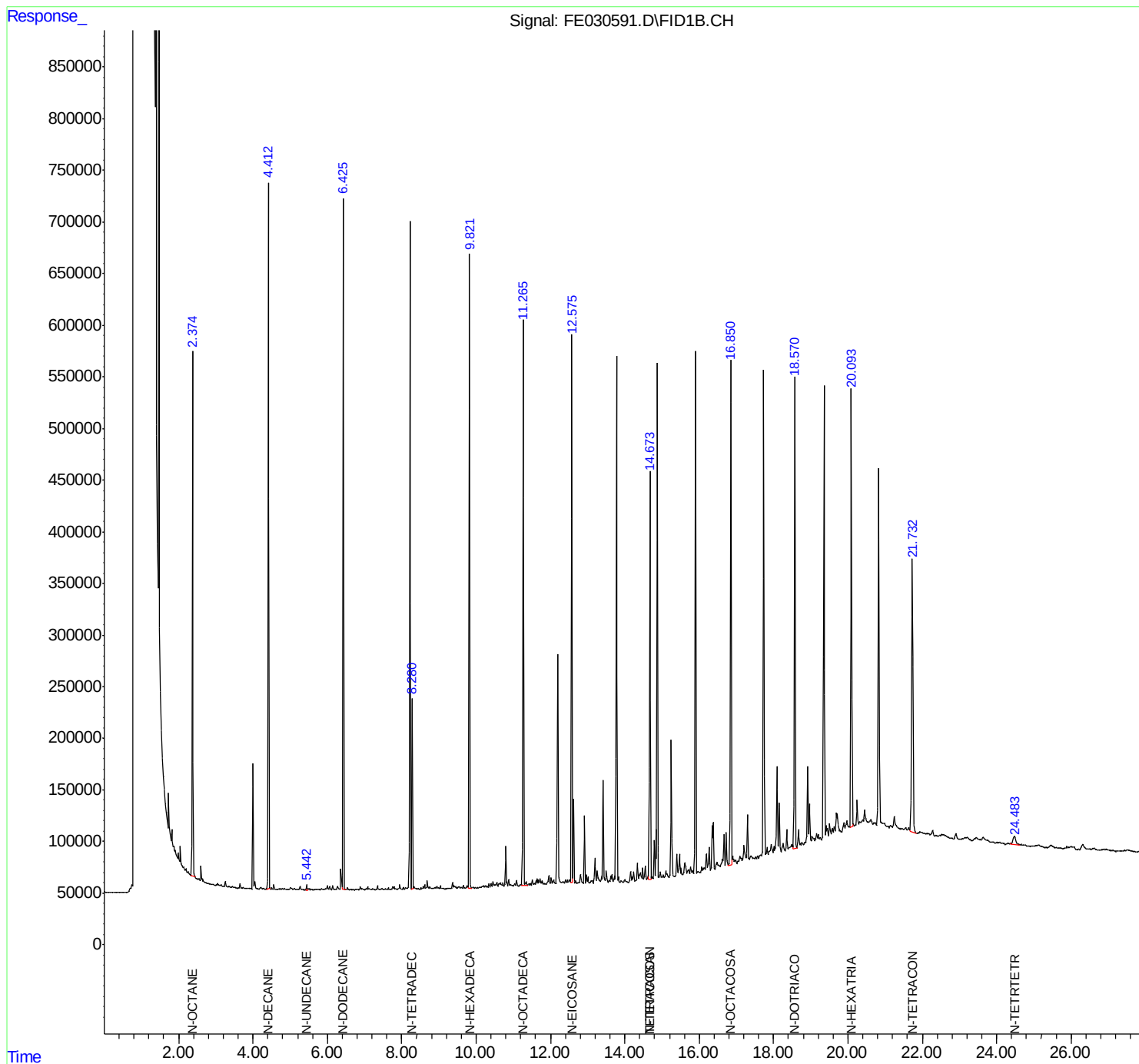
(f)=RT Delta > 1/2 Window

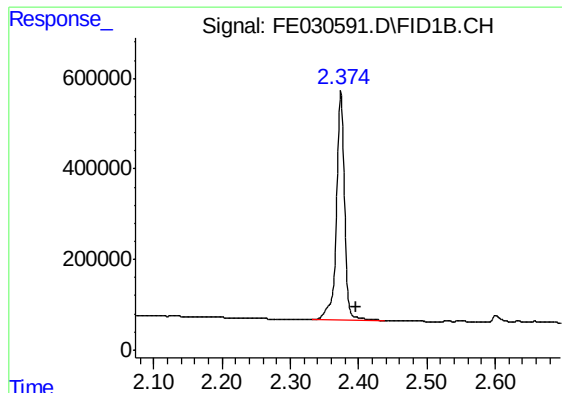
(m)=manual int.

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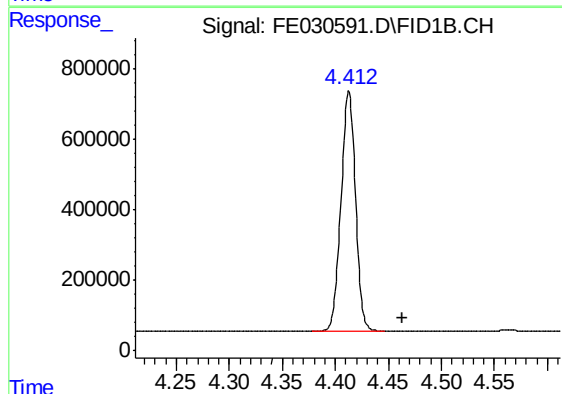
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20m x 0.18mm x 0.18um





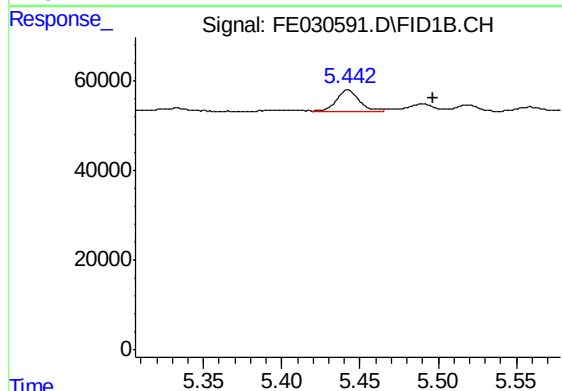
#1 N-OCTANE

R.T.: 2.374 min  
Delta R.T.: -0.022 min  
Response: 4170786  
Conc: 13.16 ug/ml



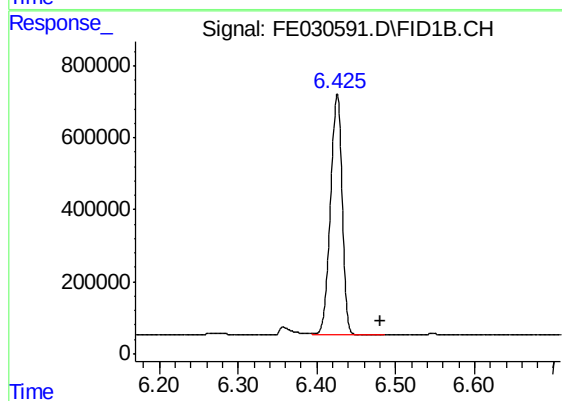
#3 N-DECANE

R.T.: 4.413 min  
Delta R.T.: -0.051 min  
Response: 6476709  
Conc: 13.35 ug/ml



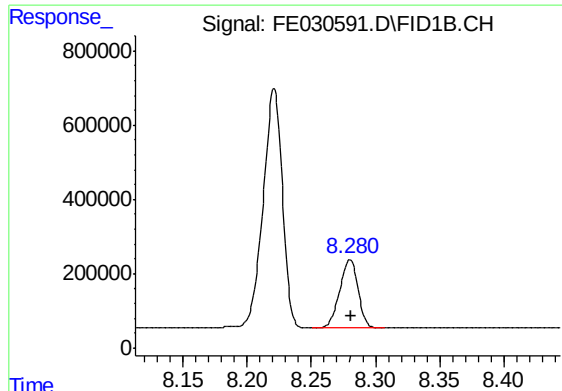
#4 N-UNDECANE

R.T.: 5.442 min  
Delta R.T.: -0.055 min  
Response: 47767  
Conc: 0.15 ug/ml m



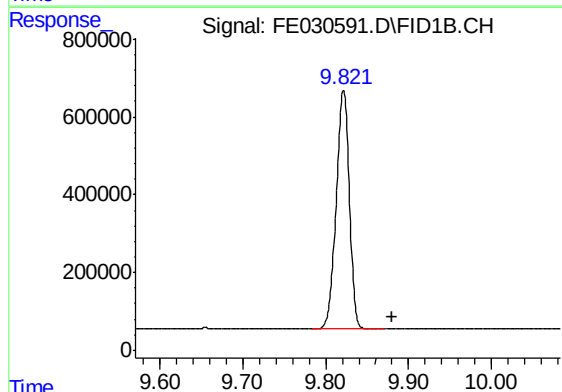
#5 N-DODECANE

R.T.: 6.426 min  
Delta R.T.: -0.055 min  
Response: 6771007  
Conc: 21.16 ug/ml



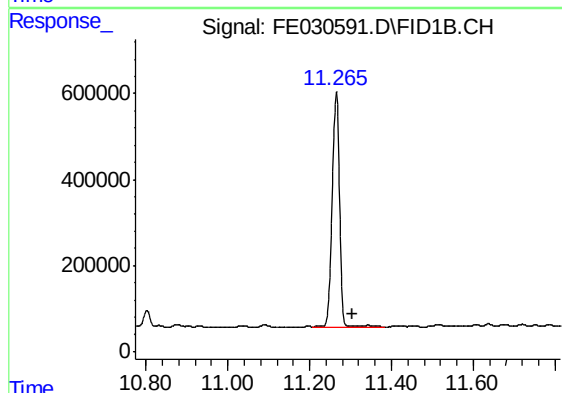
#6 N-TETRADECANE

R.T.: 8.280 min  
Delta R.T.: 0.000 min  
Response: 1835134  
Conc: 5.77 ug/ml



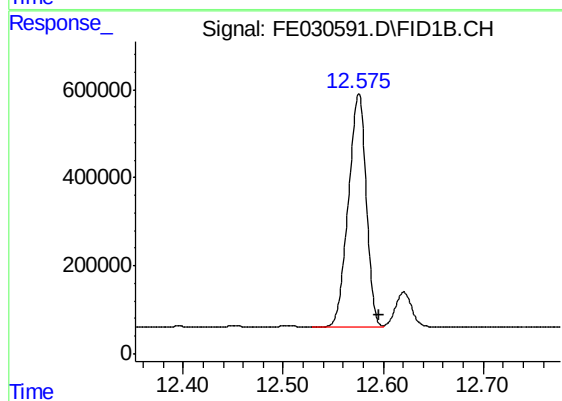
#7 N-HEXADECANE

R.T.: 9.822 min  
Delta R.T.: -0.059 min  
Response: 6793971  
Conc: 21.67 ug/ml



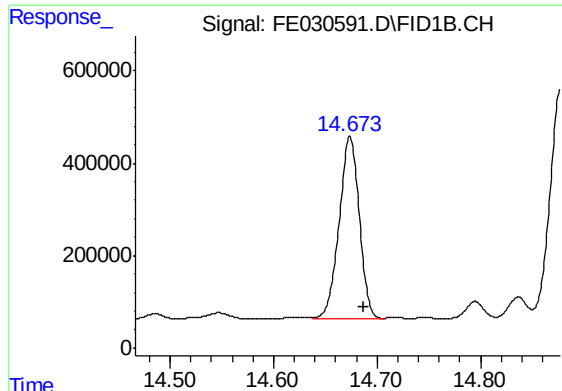
#8 N-OCTADECANE

R.T.: 11.265 min  
Delta R.T.: -0.039 min  
Response: 6805731  
Conc: 22.05 ug/ml m



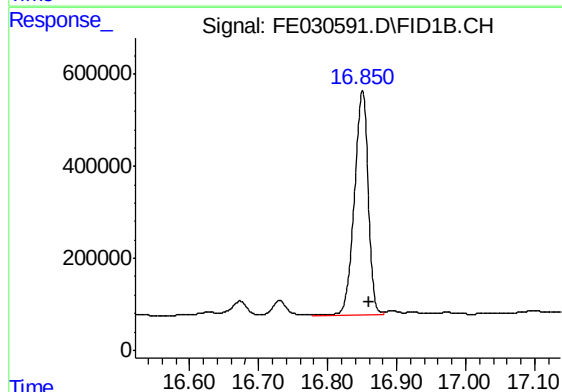
#9 N-EICOSANE

R.T.: 12.576 min  
Delta R.T.: -0.020 min  
Response: 6632488  
Conc: 21.75 ug/ml



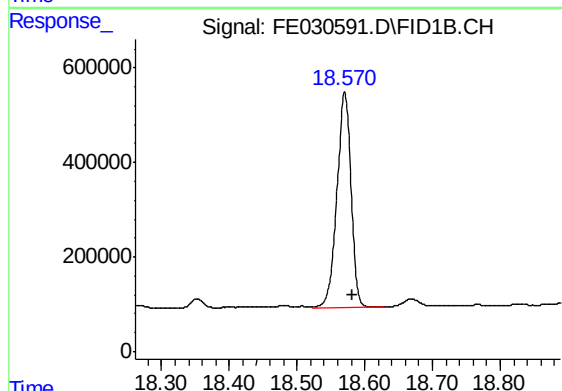
#10 N-TETRACOSANE

R.T.: 14.674 min  
Delta R.T.: -0.013 min  
Response: 5404160  
Conc: 35.24 ug/ml



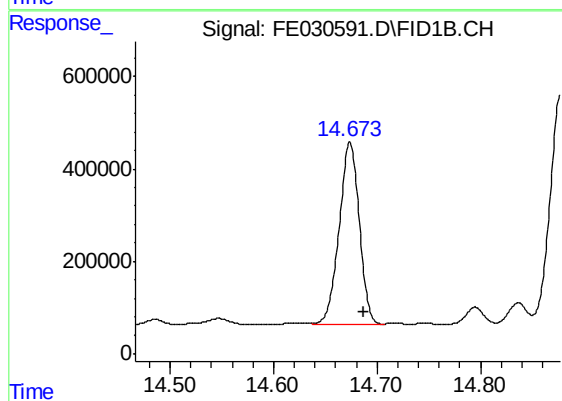
#11 N-OCTACOSANE

R.T.: 16.851 min  
Delta R.T.: -0.009 min  
Response: 6804760  
Conc: 23.49 ug/ml



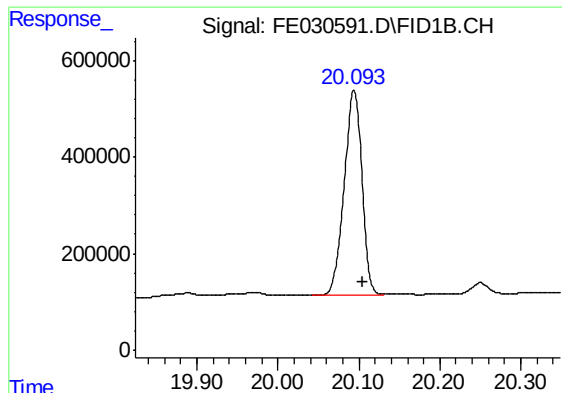
#12 N-DOTRIACONTANE

R.T.: 18.570 min  
Delta R.T.: -0.011 min  
Response: 6648957  
Conc: 23.84 ug/ml



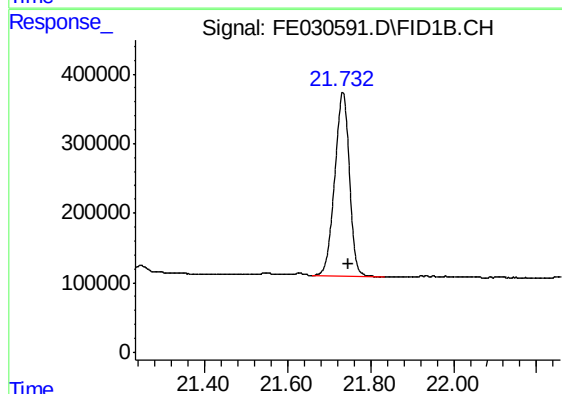
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.674 min  
Delta R.T.: -0.013 min  
Response: 5404160  
Conc: 17.62 ug/ml



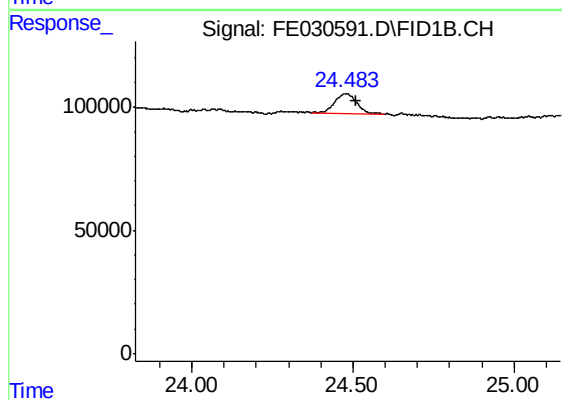
#14 N-HEXATRIACONTANE

R.T.: 20.094 min  
Delta R.T.: -0.011 min  
Response: 6478350  
Conc: 25.41 ug/ml



#15 N-TETRACONTANE

R.T.: 21.733 min  
Delta R.T.: -0.013 min  
Response: 6549462  
Conc: 30.71 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 24.482 min  
Delta R.T.: -0.030 min  
Response: 394470  
Conc: 2.33 ug/ml