

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG022820\  
 Data File : FG006764.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Feb 2020 17:27  
 Operator : DD\AJ  
 Sample : 4400 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 28 22:27:17 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\C44-FG022520.M  
 Quant Title :  
 QLast Update : Tue Feb 25 16:35:50 2020  
 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    |        |          |               |
| 13) S TETRACOSANE-d50 (SURR... | 14.671 | 4000912  | 49.019 ug/ml  |
| Target Compounds               |        |          |               |
| 1) N-OCTANE                    | 2.731  | 21005453 | 414.281 ug/ml |
| 2) N-NONANE                    | 3.744  | 22119811 | 424.716 ug/ml |
| 3) N-DECANE                    | 4.790  | 34728374 | 430.438 ug/ml |
| 4) N-UNDECANE                  | 5.792  | 35827426 | 652.261 ug/ml |
| 5) N-DODECANE                  | 6.736  | 36584533 | 655.181 ug/ml |
| 6) N-TETRADECANE               | 8.462  | 38343567 | 646.841 ug/ml |
| 7) N-HEXADECANE                | 10.000 | 32672685 | 524.194 ug/ml |
| 8) N-OCTADECANE                | 11.381 | 16425137 | 256.821 ug/ml |
| 9) N-EICOSANE                  | 12.640 | 6572459  | 101.520 ug/ml |
| 10) N-TETRACOSANE              | 14.871 | 6395800  | 97.383 ug/ml  |
| 11) N-OCTACOSANE               | 16.780 | 3014727  | 37.779 ug/ml  |
| 12) N-DOTRIACONTANE            | 18.447 | 2696678  | 38.795 ug/ml  |
| 14) N-HEXATRIACONTANE          | 19.921 | 2273979  | 43.145 ug/ml  |
| 15) N-TETRACONTANE             | 21.424 | 2155675  | 46.645 ug/ml  |
| 16) N-TETRTETRACOOCTANE        | 23.828 | 2045586  | 53.264 ug/ml  |
| -----                          |        |          |               |

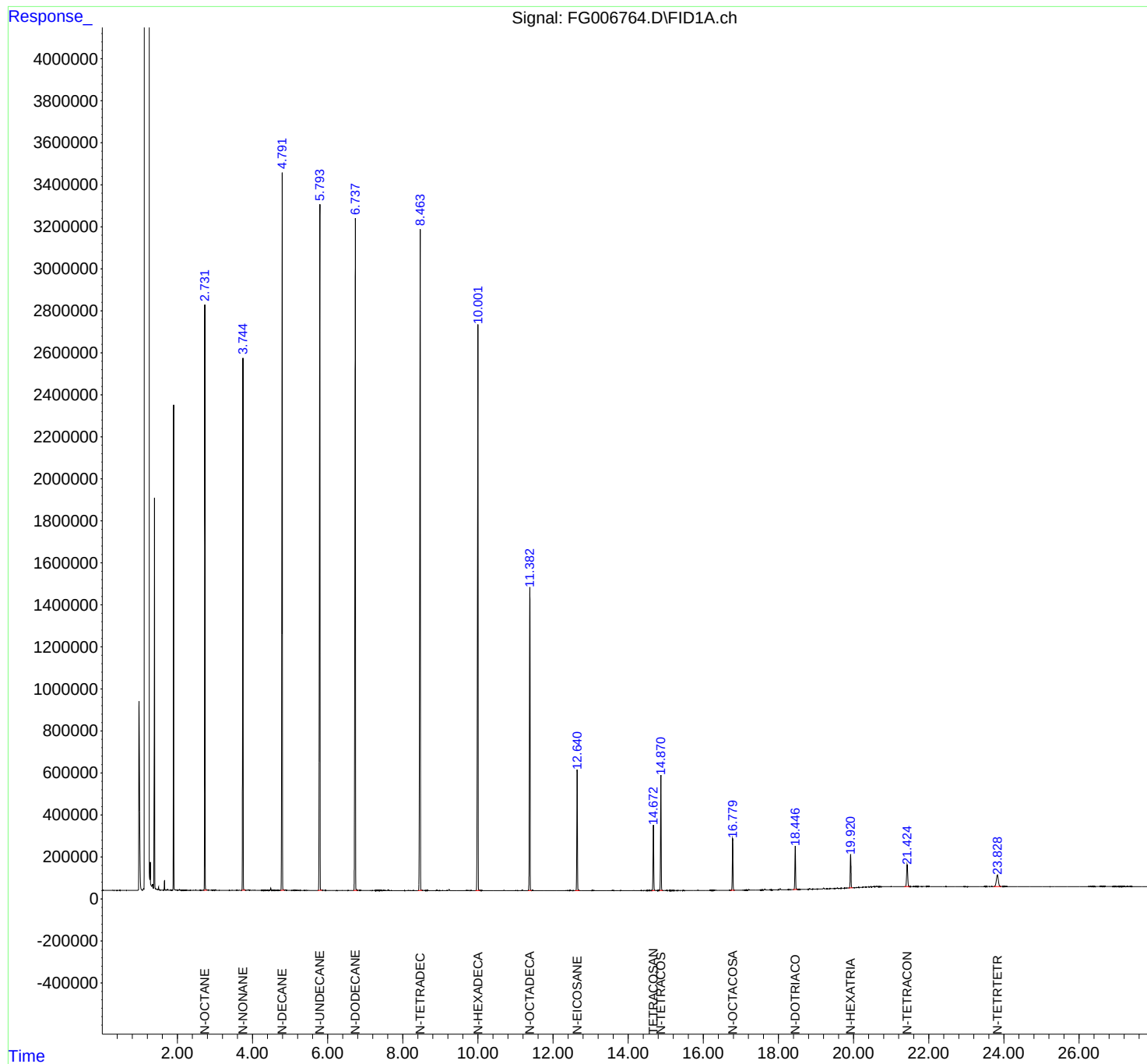
(f)=RT Delta > 1/2 Window

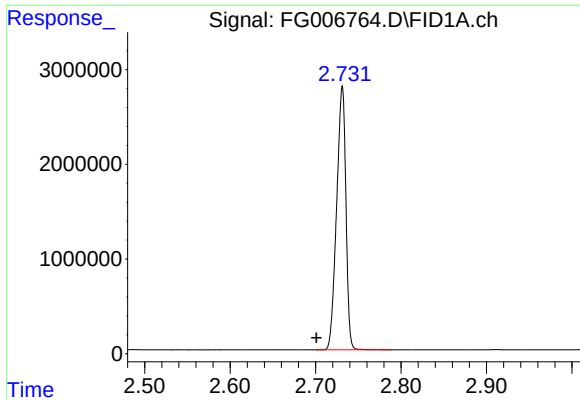
(m)=manual int.

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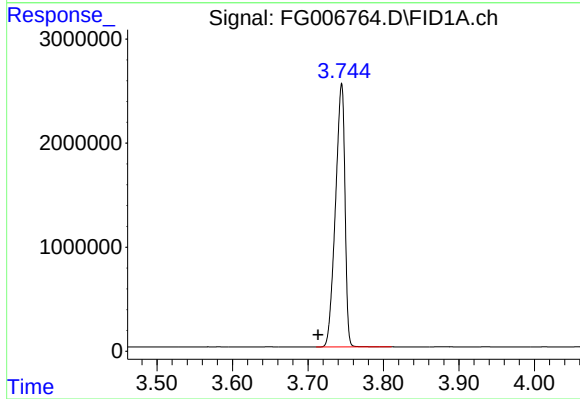
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20m x 0.18mm x 0.18um





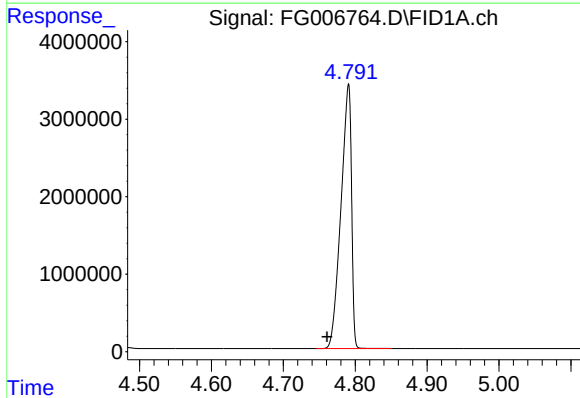
#1 N-OCTANE

R.T.: 2.731 min  
Delta R.T.: 0.030 min  
Response: 21005453  
Conc: 414.28 ug/ml



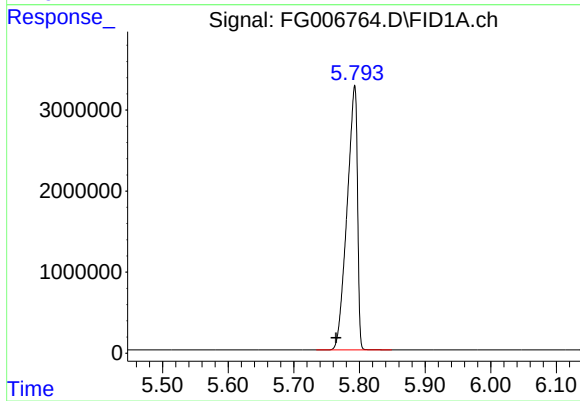
#2 N-NONANE

R.T.: 3.744 min  
Delta R.T.: 0.030 min  
Response: 22119811  
Conc: 424.72 ug/ml



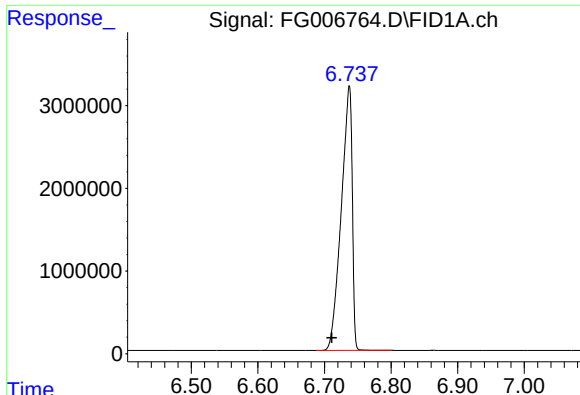
#3 N-DECANE

R.T.: 4.790 min  
Delta R.T.: 0.029 min  
Response: 34728374  
Conc: 430.44 ug/ml



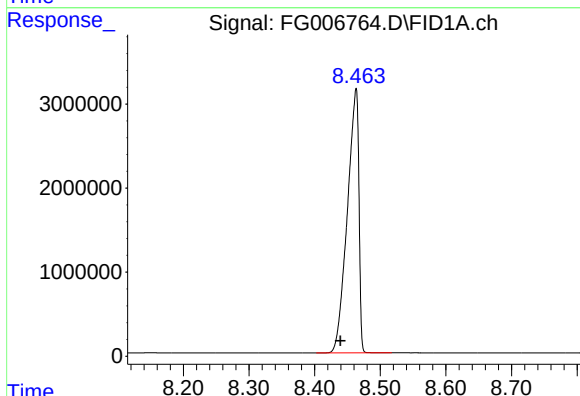
#4 N-UNDECANE

R.T.: 5.792 min  
Delta R.T.: 0.028 min  
Response: 35827426  
Conc: 652.26 ug/ml



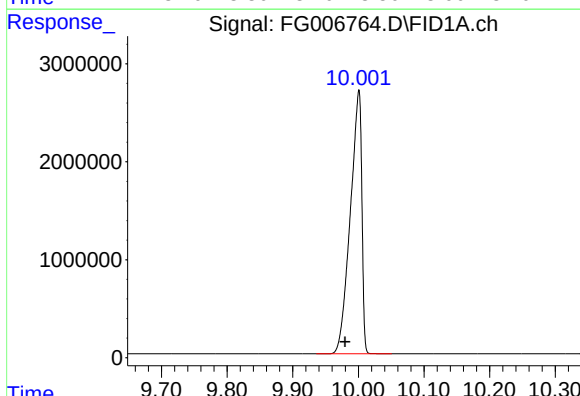
#5 N-DODECANE

R.T.: 6.736 min  
Delta R.T.: 0.026 min  
Response: 36584533  
Conc: 655.18 ug/ml



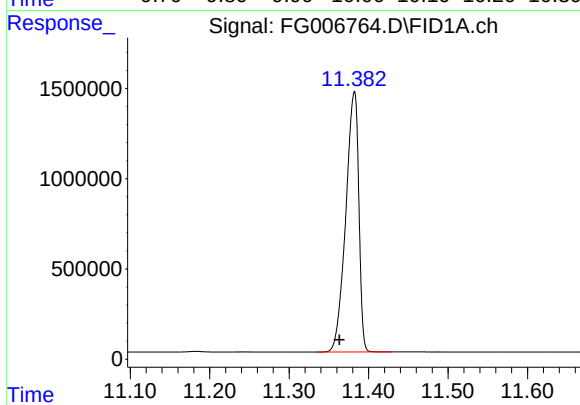
#6 N-TETRADECANE

R.T.: 8.462 min  
Delta R.T.: 0.023 min  
Response: 38343567  
Conc: 646.84 ug/ml



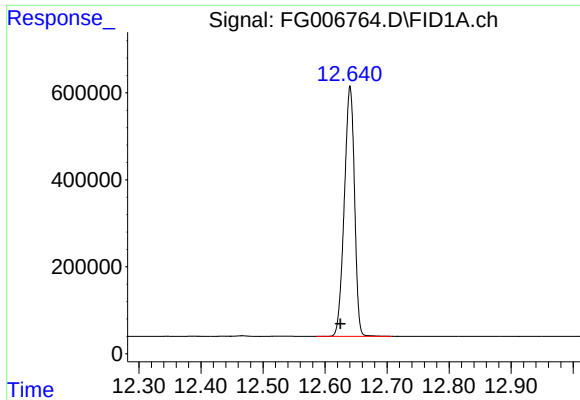
#7 N-HEXADECANE

R.T.: 10.000 min  
Delta R.T.: 0.020 min  
Response: 32672685  
Conc: 524.19 ug/ml



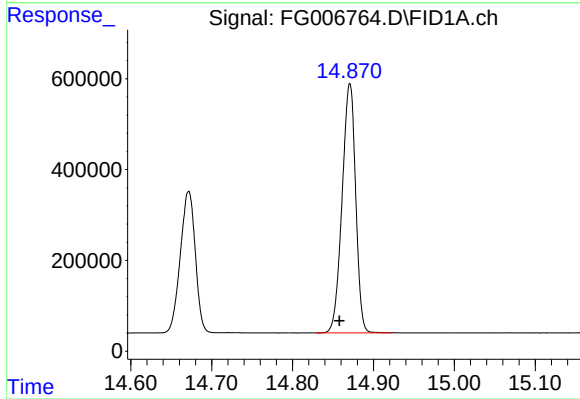
#8 N-OCTADECANE

R.T.: 11.381 min  
Delta R.T.: 0.018 min  
Response: 16425137  
Conc: 256.82 ug/ml



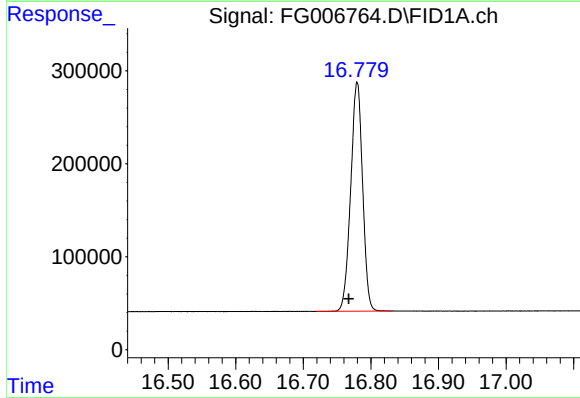
#9 N-EICOSANE

R.T.: 12.640 min  
Delta R.T.: 0.016 min  
Response: 6572459  
Conc: 101.52 ug/ml



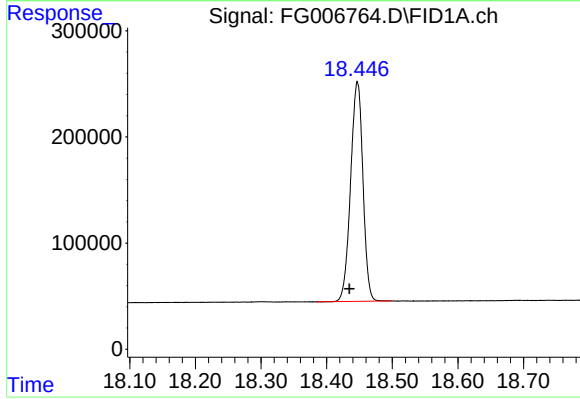
#10 N-TETRACOSANE

R.T.: 14.871 min  
Delta R.T.: 0.013 min  
Response: 6395800  
Conc: 97.38 ug/ml



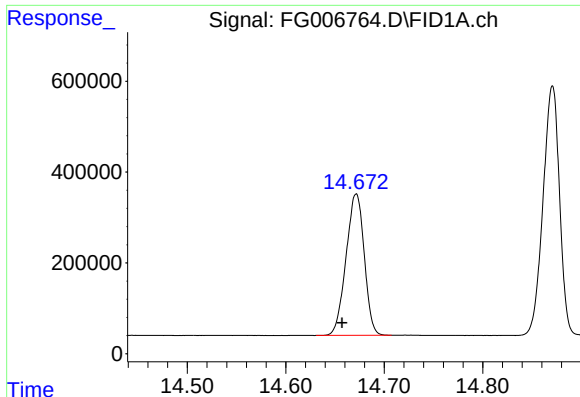
#11 N-OCTACOSANE

R.T.: 16.780 min  
Delta R.T.: 0.012 min  
Response: 3014727  
Conc: 37.78 ug/ml



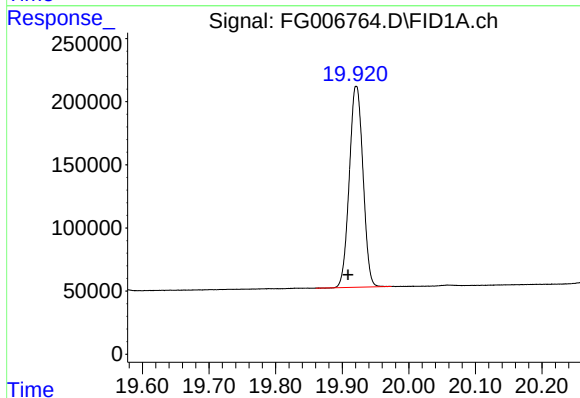
#12 N-DOTRIACONTANE

R.T.: 18.447 min  
Delta R.T.: 0.012 min  
Response: 2696678  
Conc: 38.79 ug/ml



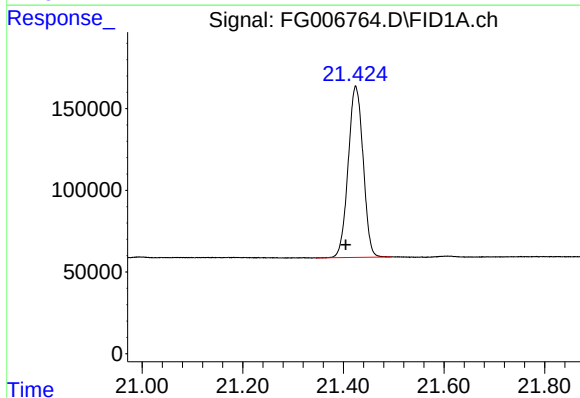
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.671 min  
Delta R.T.: 0.014 min  
Response: 4000912  
Conc: 49.02 ug/ml



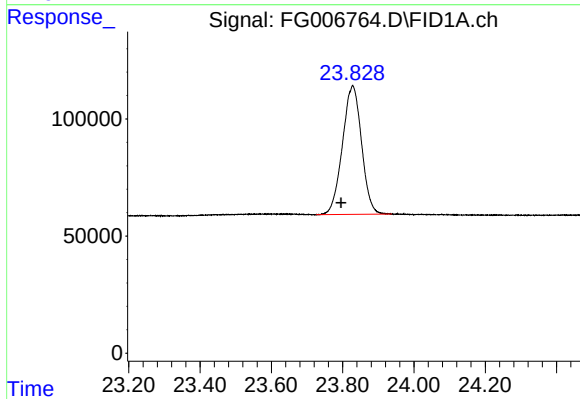
#14 N-HEXATRIACONTANE

R.T.: 19.921 min  
Delta R.T.: 0.013 min  
Response: 2273979  
Conc: 43.14 ug/ml



#15 N-TETRACONTANE

R.T.: 21.424 min  
Delta R.T.: 0.020 min  
Response: 2155675  
Conc: 46.65 ug/ml



#16 N-TETRTETRACOOCTANE

R.T.: 23.828 min  
Delta R.T.: 0.033 min  
Response: 2045586  
Conc: 53.26 ug/ml