

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080218\  
 Data File : FE028452.D  
 Signal(s) : FID1B.CH  
 Acq On : 02 Aug 2018 12:41  
 Operator : AJ\SJ  
 Sample : # 5 FUEL OIL STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 03 09:27:21 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE073118.M  
 Quant Title :  
 QLast Update : Tue Jul 31 14:21:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1uL  
 Signal Phase : Rxi-1ms  
 Signal Info : 20mx0.18mmx0.18um

| Compound                      | R.T.   | Response | Conc Units   |
|-------------------------------|--------|----------|--------------|
| -----                         |        |          |              |
| System Monitoring Compounds   |        |          |              |
| 9) S TETRACOSANE-d50 (SURR... | 14.970 | 305026   | 1.881 ug/ml  |
| Target Compounds              |        |          |              |
| 2) N-DECANE                   | 4.669  | 1942549  | 10.518 ug/ml |
| 3) N-DODECANE                 | 6.702  | 5276021  | 26.616 ug/ml |
| 4) N-TETRADECANE              | 8.511  | 6611470  | 32.111 ug/ml |
| 5) N-HEXADECANE               | 10.121 | 7454634  | 35.990 ug/ml |
| 6) N-OCTADECANE               | 11.568 | 5428571  | 26.598 ug/ml |
| 7) N-EICOSANE                 | 12.881 | 3709985  | 18.849 ug/ml |
| 8) N-DOCOSANE                 | 14.081 | 1186353  | 6.242 ug/ml  |
| 10) N-TETRACOSANE             | 15.191 | 498682   | 2.684 ug/ml  |
| 12) N-OCTACOSANE              | 17.165 | 168885   | 0.916 ug/ml  |
| 13) N-TRIACONTANE             | 18.057 | 223909   | 1.200 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.892 | 242381   | 1.333 ug/ml  |
| -----                         |        |          |              |

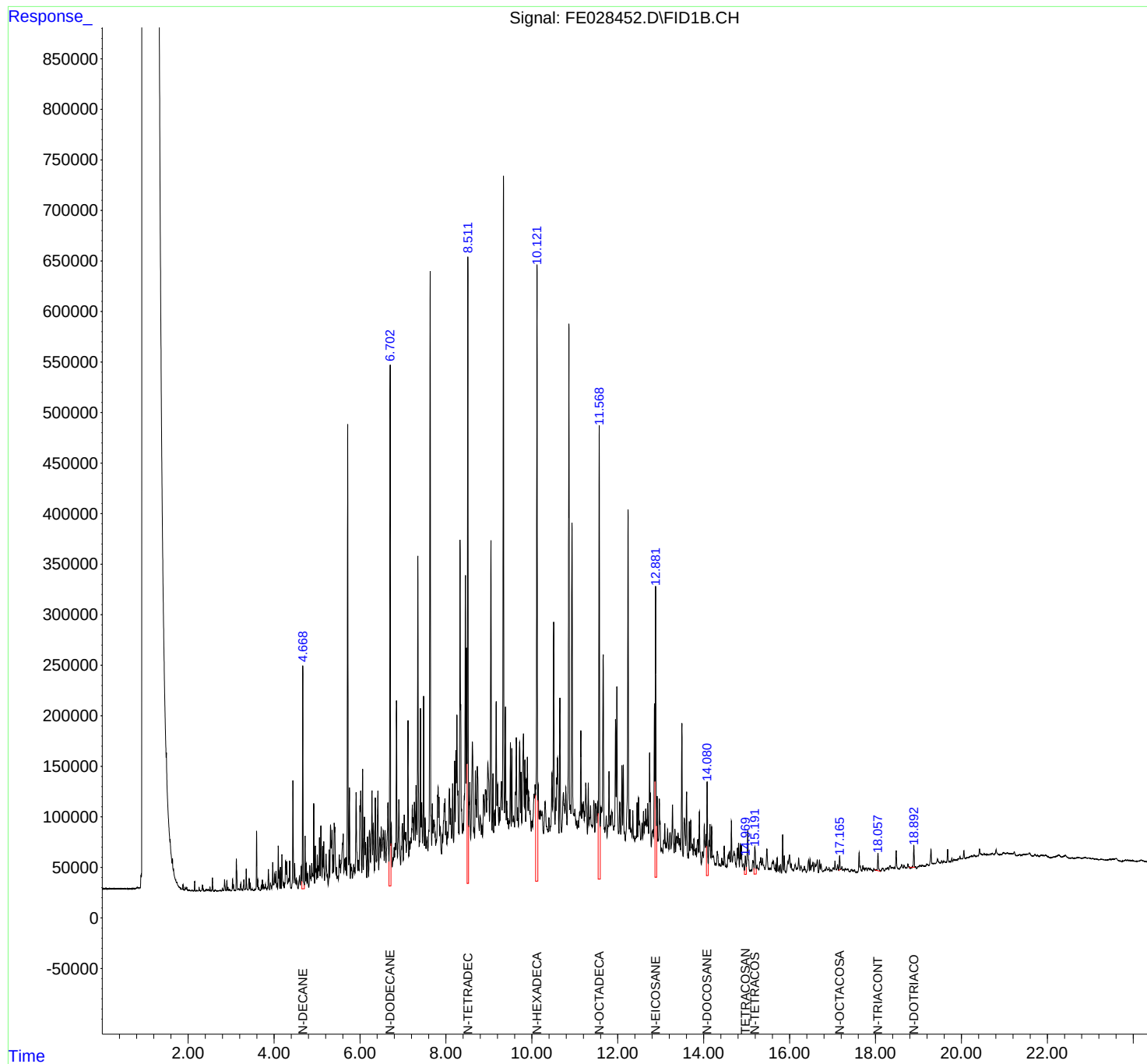
(f)=RT Delta > 1/2 Window

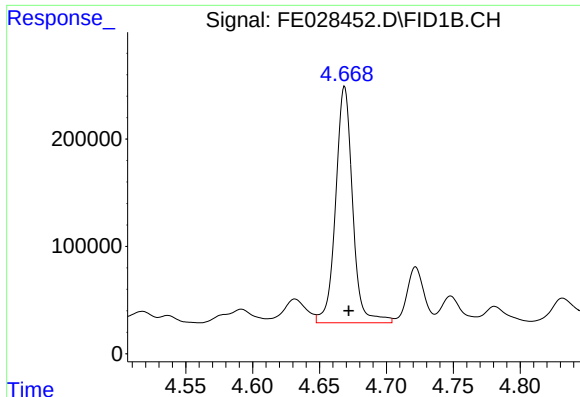
(m)=manual int.

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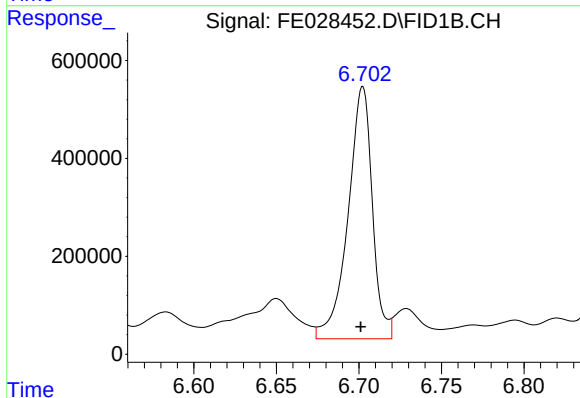
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





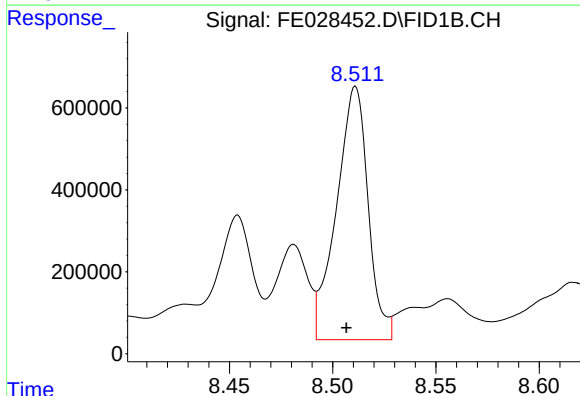
#2 N-DECANE

R.T.: 4.669 min  
Delta R.T.: -0.003 min  
Response: 1942549  
Conc: 10.52 ug/ml



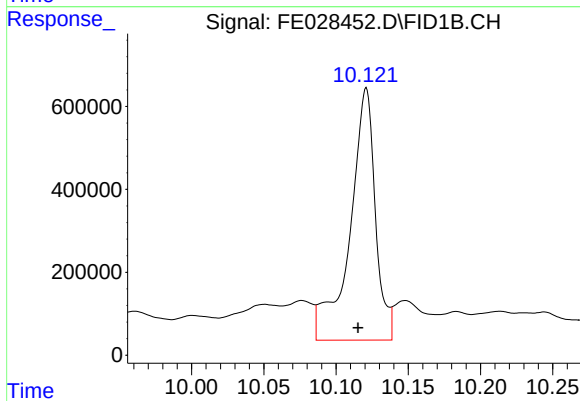
#3 N-DODECANE

R.T.: 6.702 min  
Delta R.T.: 0.000 min  
Response: 5276021  
Conc: 26.62 ug/ml



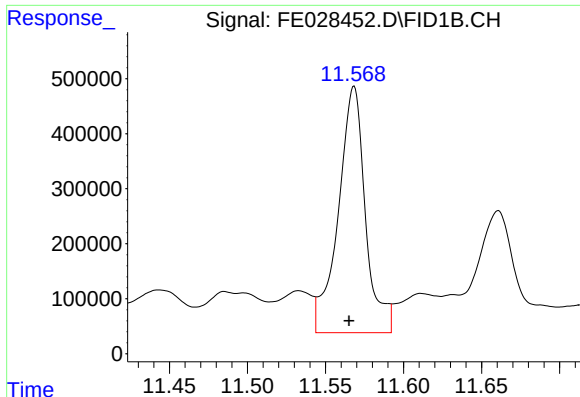
#4 N-TETRADECANE

R.T.: 8.511 min  
Delta R.T.: 0.004 min  
Response: 6611470  
Conc: 32.11 ug/ml



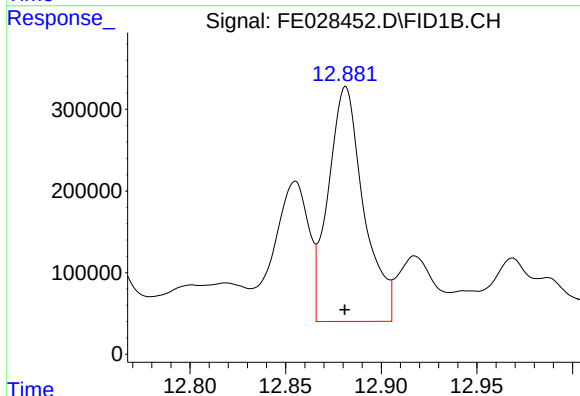
#5 N-HEXADECANE

R.T.: 10.121 min  
Delta R.T.: 0.005 min  
Response: 7454634  
Conc: 35.99 ug/ml



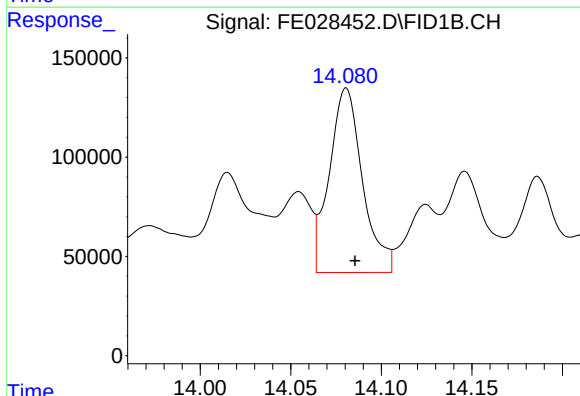
#6 N-OCTADECANE

R.T.: 11.568 min  
Delta R.T.: 0.003 min  
Response: 5428571  
Conc: 26.60 ug/ml



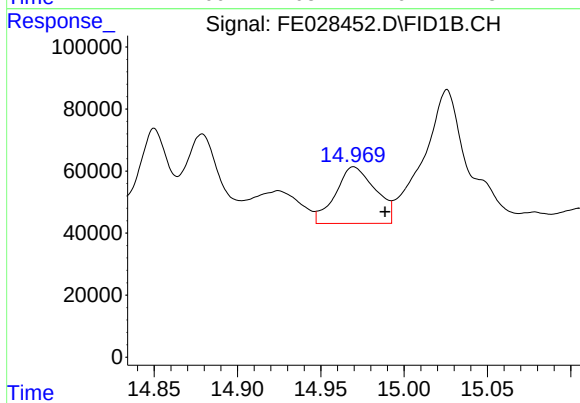
#7 N-EICOSANE

R.T.: 12.881 min  
Delta R.T.: 0.000 min  
Response: 3709985  
Conc: 18.85 ug/ml



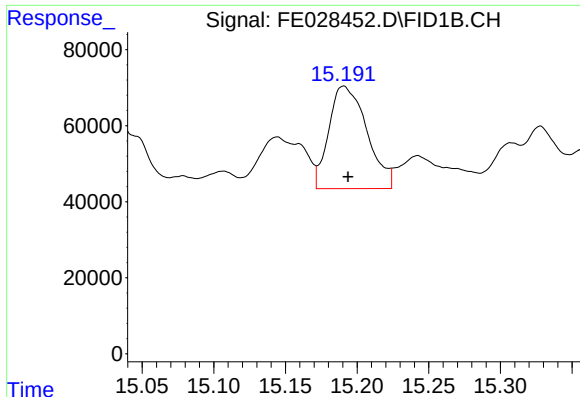
#8 N-DOCOSANE

R.T.: 14.081 min  
Delta R.T.: -0.005 min  
Response: 1186353  
Conc: 6.24 ug/ml



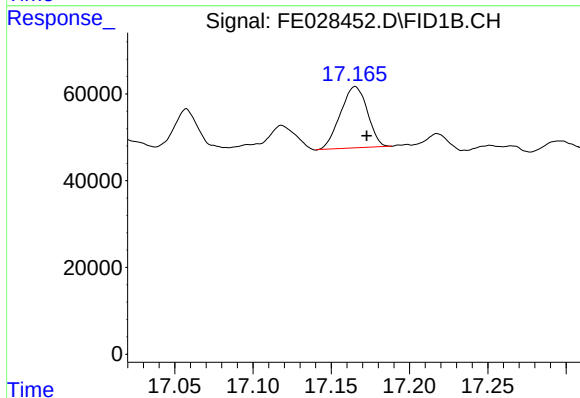
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.970 min  
Delta R.T.: -0.019 min  
Response: 305026  
Conc: 1.88 ug/ml



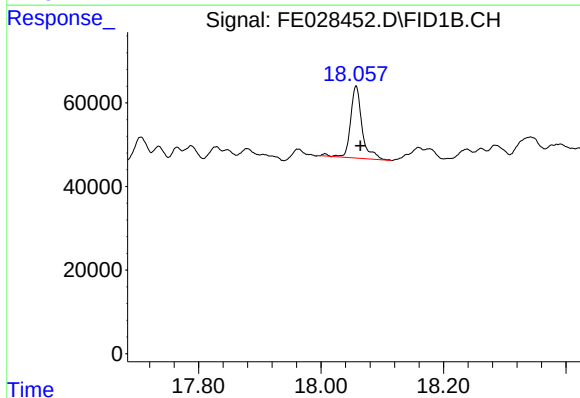
#10 N-TETRACOSANE

R.T.: 15.191 min  
Delta R.T.: -0.003 min  
Response: 498682  
Conc: 2.68 ug/ml



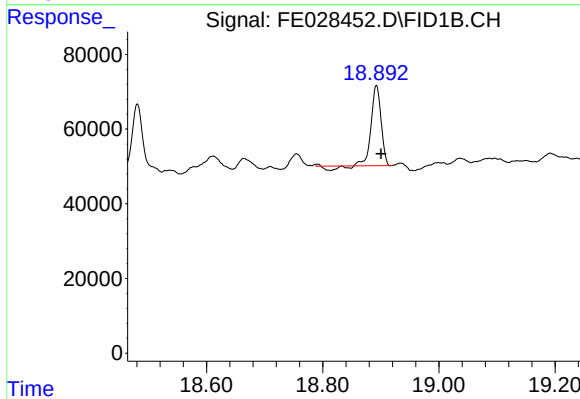
#12 N-OCTACOSANE

R.T.: 17.165 min  
Delta R.T.: -0.007 min  
Response: 168885  
Conc: 0.92 ug/ml



#13 N-TRIACONTANE

R.T.: 18.057 min  
Delta R.T.: -0.007 min  
Response: 223909  
Conc: 1.20 ug/ml



#14 N-DOTRIACONTANE

R.T.: 18.892 min  
Delta R.T.: -0.008 min  
Response: 242381  
Conc: 1.33 ug/ml