

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101119\  
 Data File : FE030708.D  
 Signal(s) : FID1B.CH  
 Acq On : 11 Oct 2019 12:38  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 11 23:30:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE092419.M  
 Quant Title :  
 QLast Update : Wed Sep 25 02:50:34 2019  
 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... | 14.667 | 15733025 | 50.748 ug/ml |
| Target Compounds            |                          |        |          |              |
| 2)                          | N-DECANE                 | 4.407  | 19870206 | 52.058 ug/ml |
| 3)                          | N-DODECANE               | 6.422  | 19751790 | 51.608 ug/ml |
| 4)                          | N-TETRADECANE            | 8.216  | 19306019 | 51.347 ug/ml |
| 5)                          | N-HEXADECANE             | 9.818  | 19137219 | 51.260 ug/ml |
| 6)                          | N-OCTADECANE             | 11.260 | 18699019 | 51.023 ug/ml |
| 7)                          | N-EICOSANE               | 12.570 | 18537300 | 50.807 ug/ml |
| 8)                          | N-DOCOSANE               | 13.769 | 18142365 | 50.548 ug/ml |
| 10)                         | N-TETRACOSANE            | 14.873 | 17804030 | 50.076 ug/ml |
| 11)                         | N-HEXACOSANE             | 15.893 | 17421140 | 49.717 ug/ml |
| 12)                         | N-OCTACOSANE             | 16.842 | 17046760 | 49.535 ug/ml |
| -----                       |                          |        |          |              |

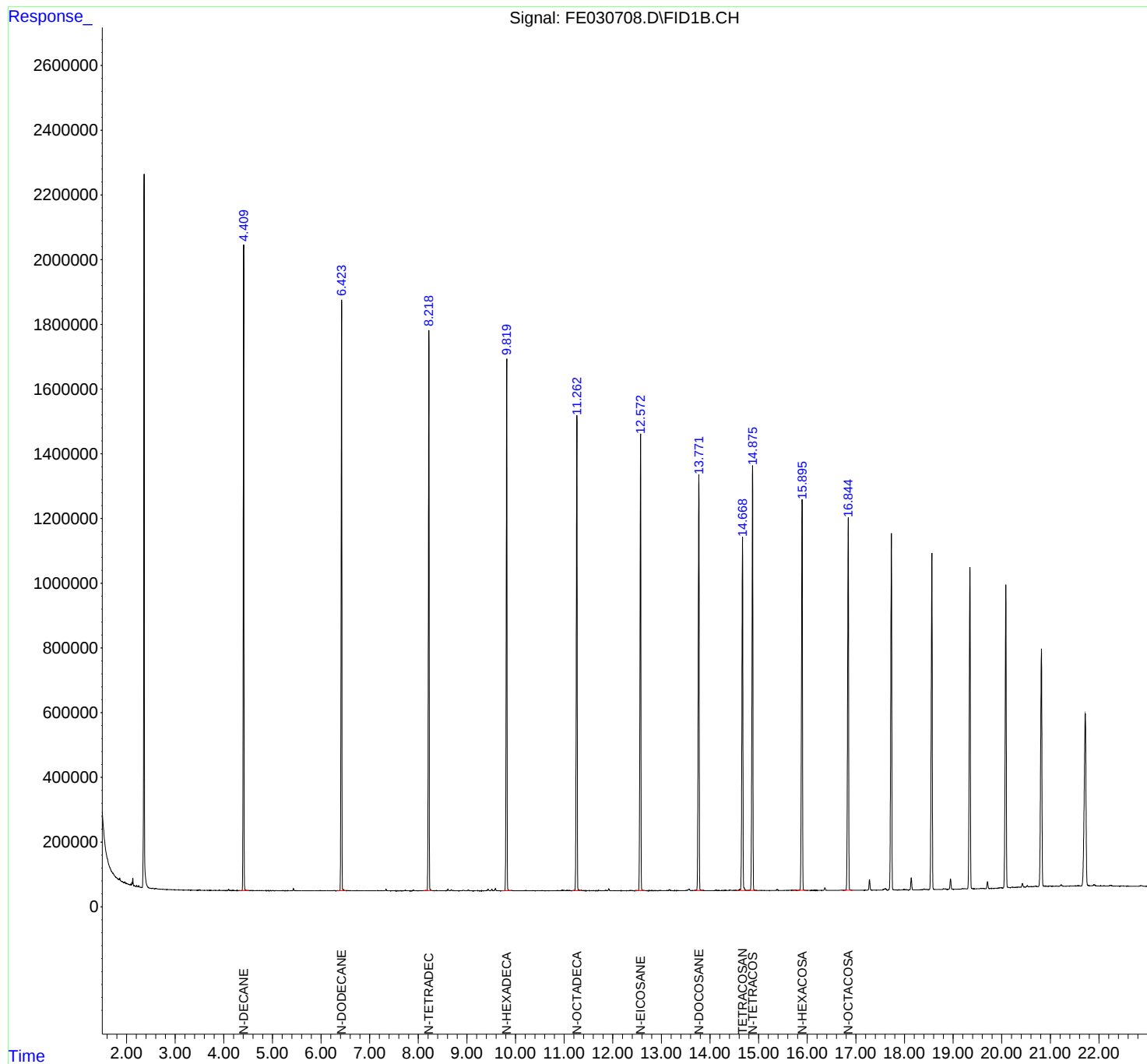
(f)=RT Delta > 1/2 Window

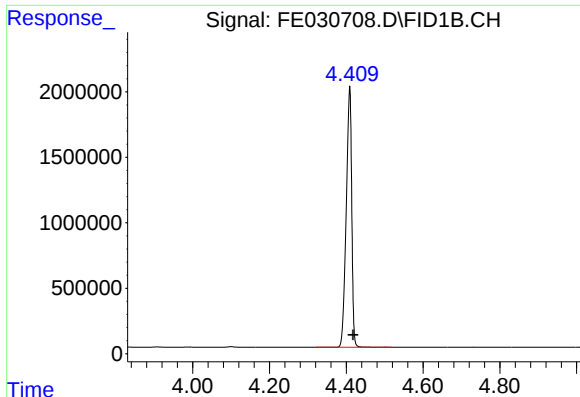
(m)=manual int.

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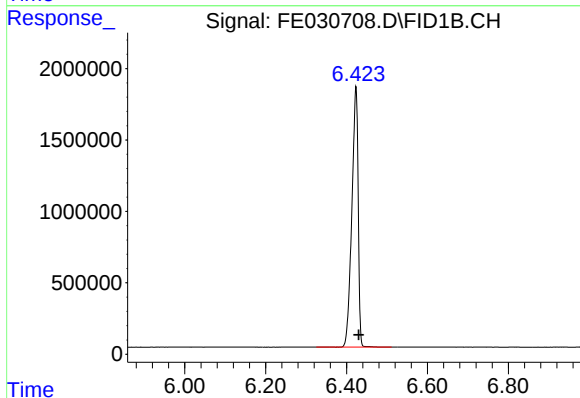
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





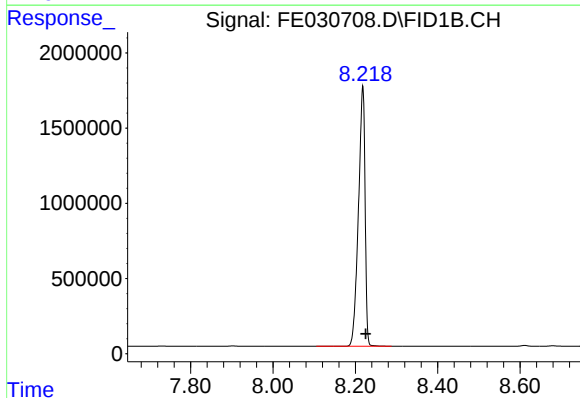
#2 N-DECANE

R.T.: 4.407 min  
Delta R.T.: -0.010 min  
Response: 19870206  
Conc: 52.06 ug/ml



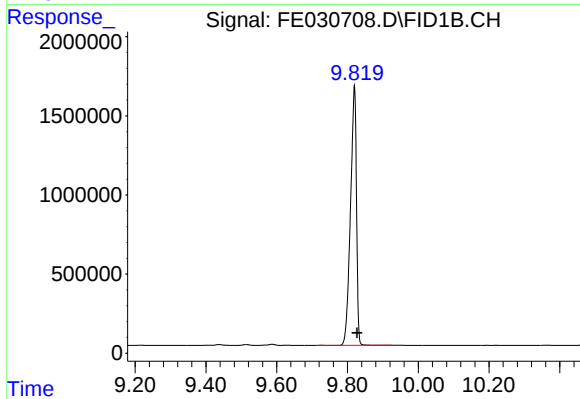
#3 N-DODECANE

R.T.: 6.422 min  
Delta R.T.: -0.009 min  
Response: 19751790  
Conc: 51.61 ug/ml



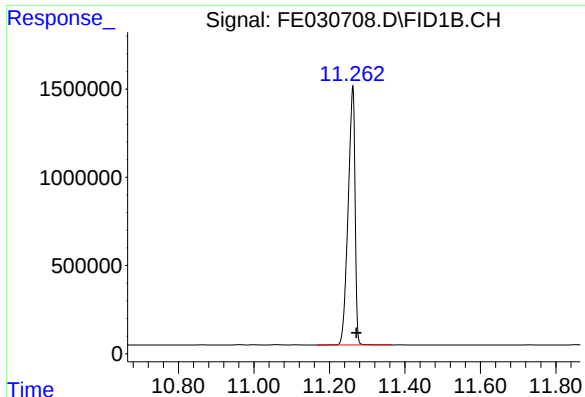
#4 N-TETRADECANE

R.T.: 8.216 min  
Delta R.T.: -0.009 min  
Response: 19306019  
Conc: 51.35 ug/ml



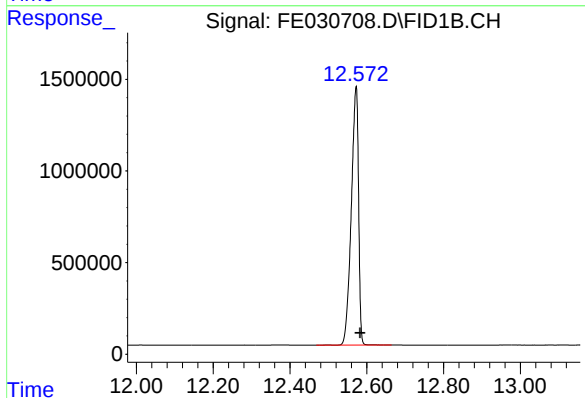
#5 N-HEXADECANE

R.T.: 9.818 min  
Delta R.T.: -0.010 min  
Response: 19137219  
Conc: 51.26 ug/ml



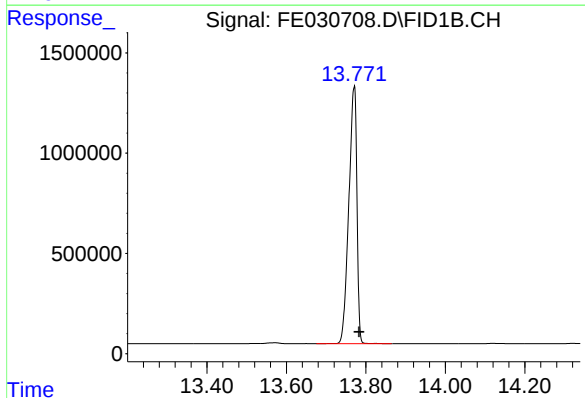
#6 N-OCTADECANE

R.T.: 11.260 min  
Delta R.T.: -0.012 min  
Response: 18699019  
Conc: 51.02 ug/ml



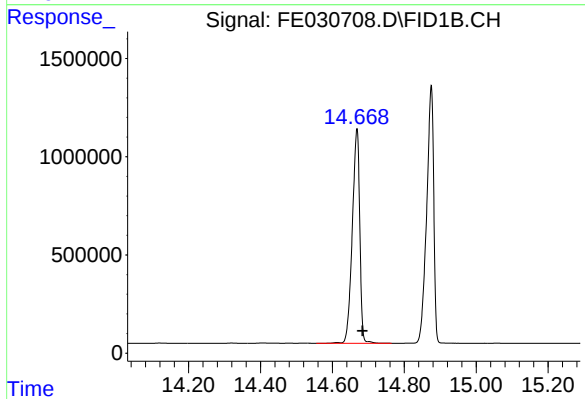
#7 N-EICOSANE

R.T.: 12.570 min  
Delta R.T.: -0.012 min  
Response: 18537300  
Conc: 50.81 ug/ml



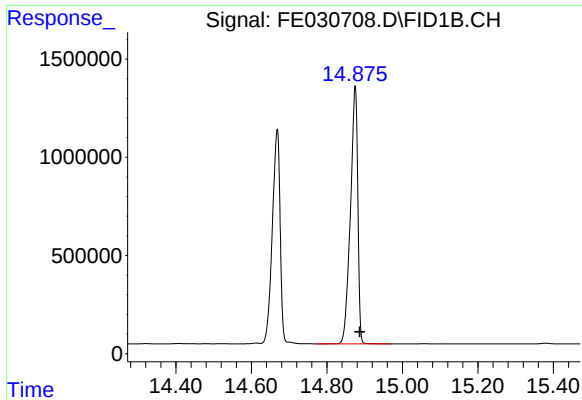
#8 N-DOCOSANE

R.T.: 13.769 min  
Delta R.T.: -0.014 min  
Response: 18142365  
Conc: 50.55 ug/ml



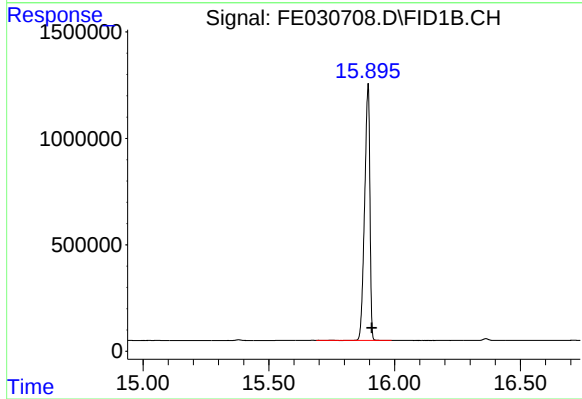
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.667 min  
Delta R.T.: -0.017 min  
Response: 15733025  
Conc: 50.75 ug/ml



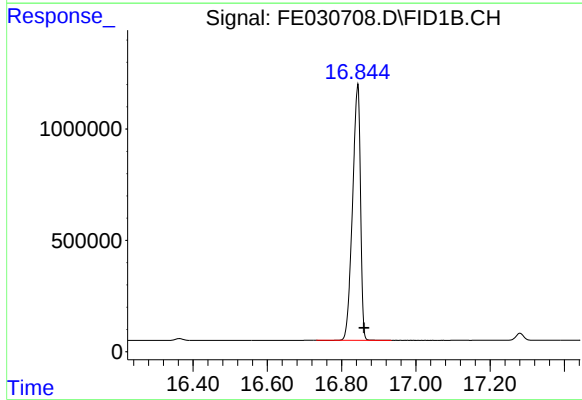
#10 N-TETRACOSANE

R.T.: 14.873 min  
Delta R.T.: -0.013 min  
Response: 17804030  
Conc: 50.08 ug/ml



#11 N-HEXACOSANE

R.T.: 15.893 min  
Delta R.T.: -0.017 min  
Response: 17421140  
Conc: 49.72 ug/ml



#12 N-OCTACOSANE

R.T.: 16.842 min  
Delta R.T.: -0.019 min  
Response: 17046760  
Conc: 49.54 ug/ml