

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080218\  
 Data File : FE028451.D  
 Signal(s) : FID1B.CH  
 Acq On : 02 Aug 2018 12:06  
 Operator : AJ\SJ  
 Sample : # 4 FUEL OIL STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 03 09:26:07 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... | 15.026 | 702388   | 4.331 ug/ml  |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.567  | 212528   | 1.296 ug/ml  |
| 2) N-DECANE                   | 4.670  | 2880517  | 15.597 ug/ml |
| 3) N-DODECANE                 | 6.706  | 9416498  | 47.504 ug/ml |
| 4) N-TETRADECANE              | 8.515  | 10441423 | 50.713 ug/ml |
| 5) N-HEXADECANE               | 10.125 | 11835018 | 57.138 ug/ml |
| 6) N-OCTADECANE               | 11.572 | 8640199  | 42.334 ug/ml |
| 7) N-EICOSANE                 | 12.883 | 5021597  | 25.512 ug/ml |
| 8) N-DOCOSANE                 | 14.082 | 1873645  | 9.858 ug/ml  |
| 10) N-TETRACOSANE             | 15.189 | 384936   | 2.072 ug/ml  |
| 11) N-HEXACOSANE              | 16.211 | 235518   | 1.288 ug/ml  |
| 12) N-OCTACOSANE              | 17.164 | 187243   | 1.016 ug/ml  |
| 13) N-TRIACONTANE             | 18.056 | 249297   | 1.336 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.892 | 346429   | 1.905 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.677 | 152322   | 0.881 ug/ml  |
| -----                         |        |          |              |

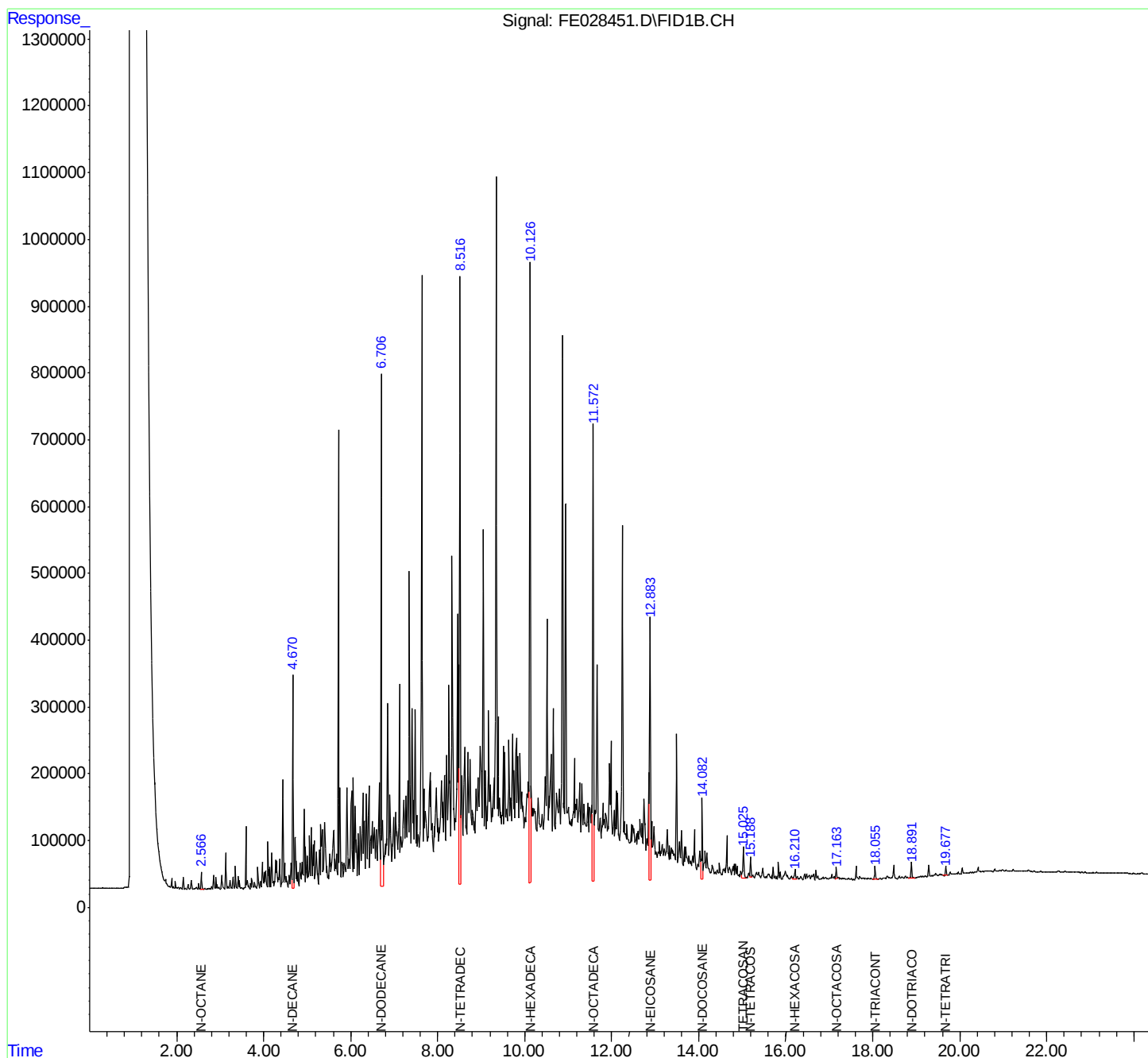
(f)=RT Delta > 1/2 Window

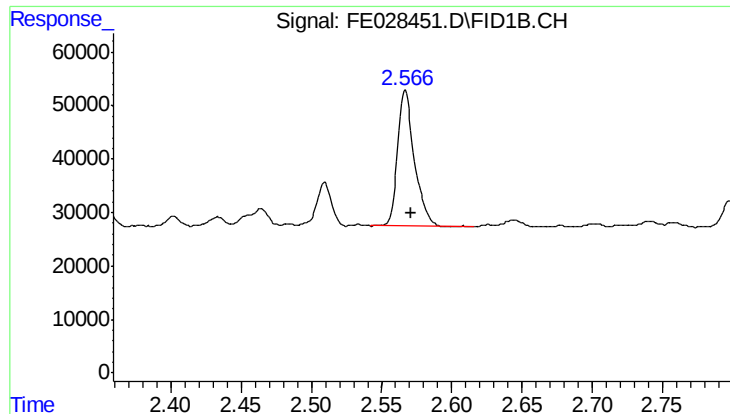
(m)=manual int.

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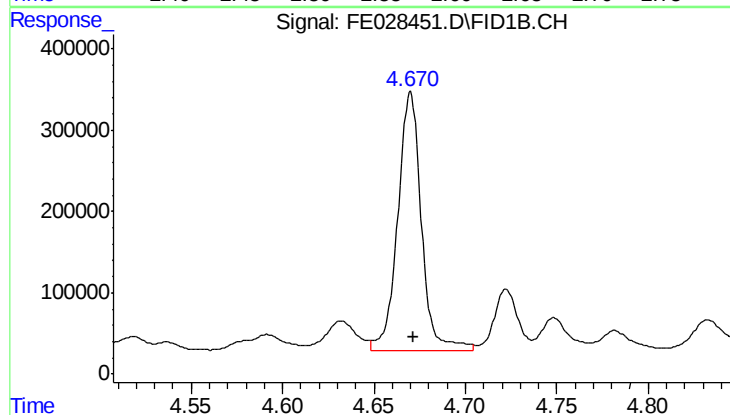
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Signal Info : 20mx0.18mmx0.18um





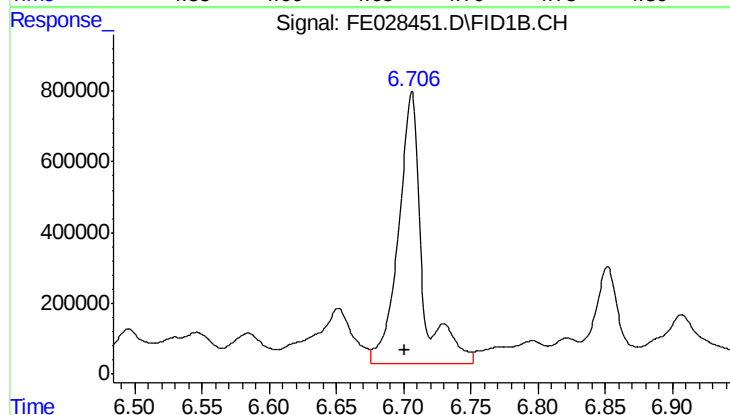
#1 N-OCTANE

R.T.: 2.567 min  
Delta R.T.: -0.004 min  
Response: 212528  
Conc: 1.30 ug/ml



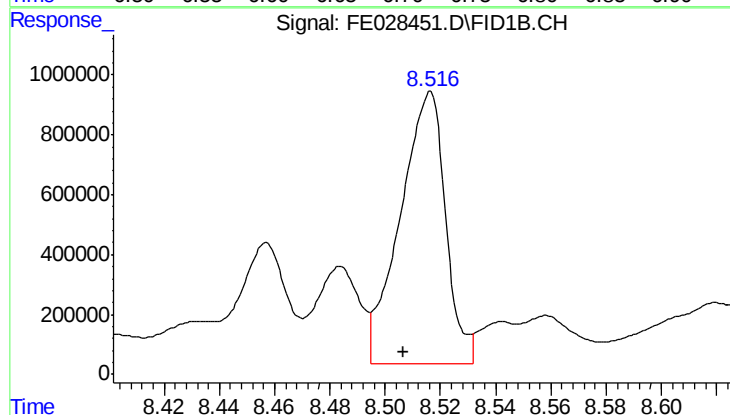
#2 N-DECANE

R.T.: 4.670 min  
Delta R.T.: -0.002 min  
Response: 2880517  
Conc: 15.60 ug/ml



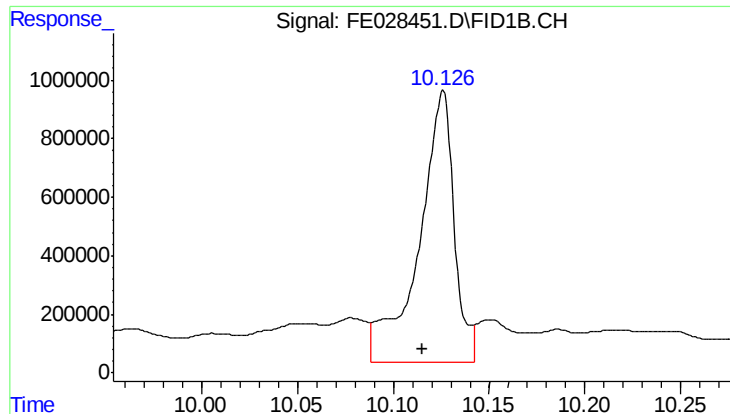
#3 N-DODECANE

R.T.: 6.706 min  
Delta R.T.: 0.005 min  
Response: 9416498  
Conc: 47.50 ug/ml



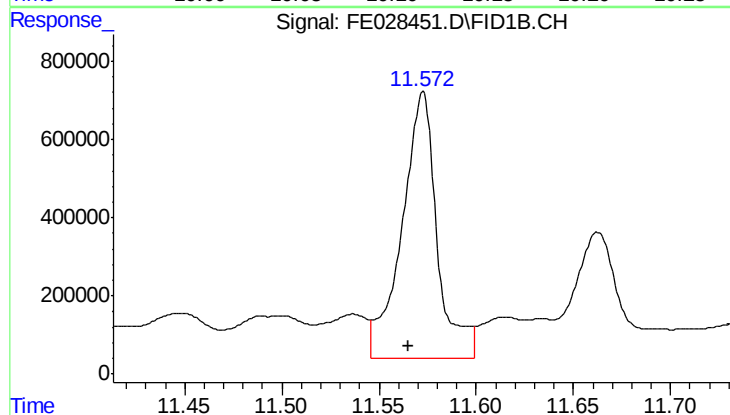
#4 N-TETRADECANE

R.T.: 8.515 min  
Delta R.T.: 0.009 min  
Response: 10441423  
Conc: 50.71 ug/ml



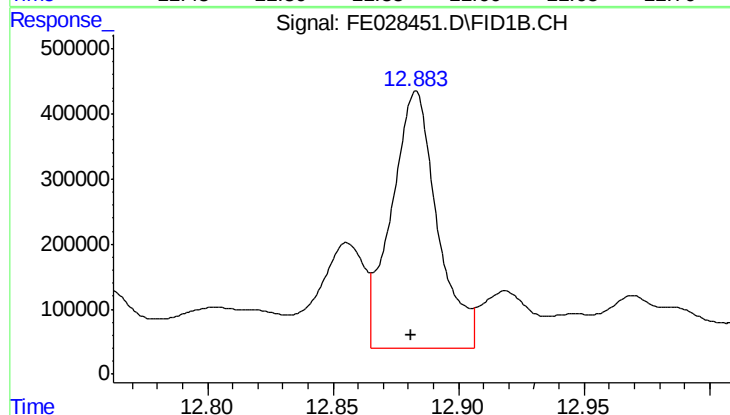
#5 N-HEXADECANE

R.T.: 10.125 min  
Delta R.T.: 0.010 min  
Response: 11835018  
Conc: 57.14 ug/ml



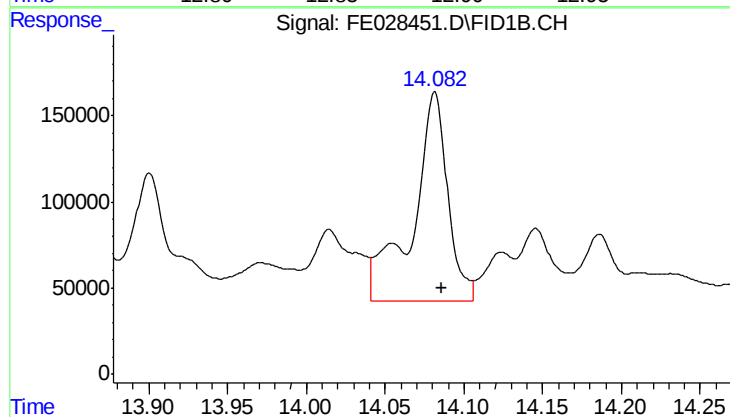
#6 N-OCTADECANE

R.T.: 11.572 min  
Delta R.T.: 0.007 min  
Response: 8640199  
Conc: 42.33 ug/ml



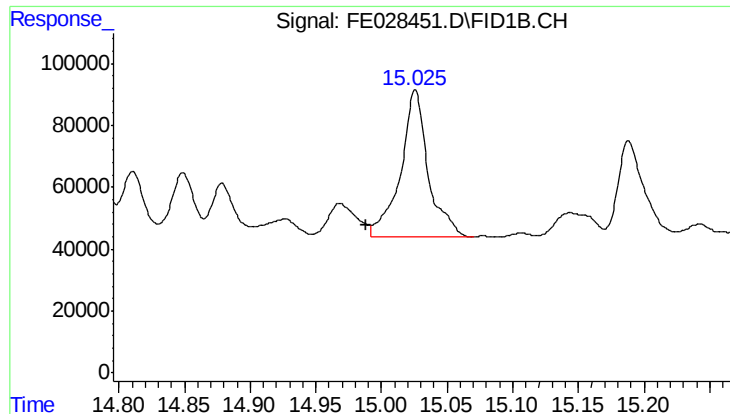
#7 N-EICOSANE

R.T.: 12.883 min  
Delta R.T.: 0.002 min  
Response: 5021597  
Conc: 25.51 ug/ml



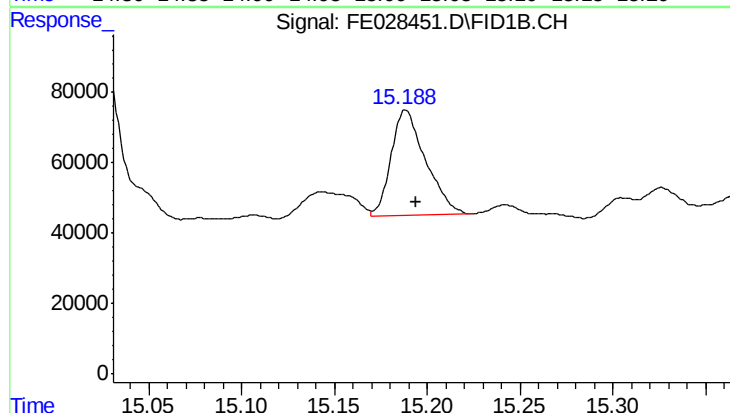
#8 N-DOCOSANE

R.T.: 14.082 min  
Delta R.T.: -0.004 min  
Response: 1873645  
Conc: 9.86 ug/ml



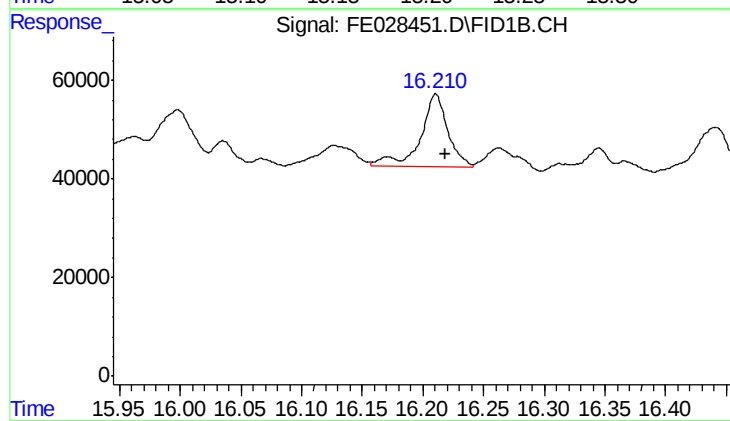
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.026 min  
Delta R.T.: 0.037 min  
Response: 702388  
Conc: 4.33 ug/ml



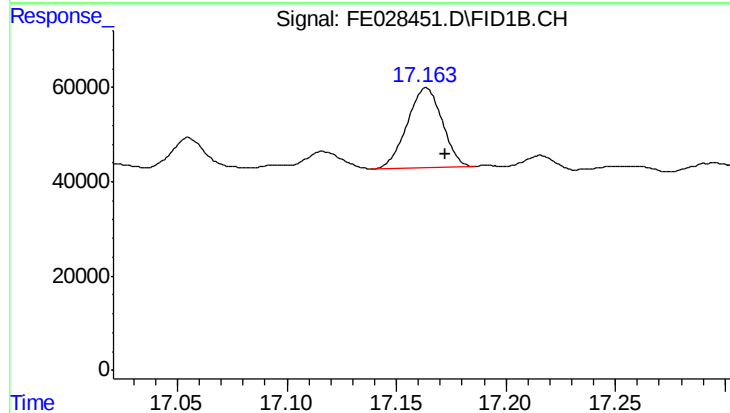
#10 N-TETRACOSANE

R.T.: 15.189 min  
Delta R.T.: -0.005 min  
Response: 384936  
Conc: 2.07 ug/ml



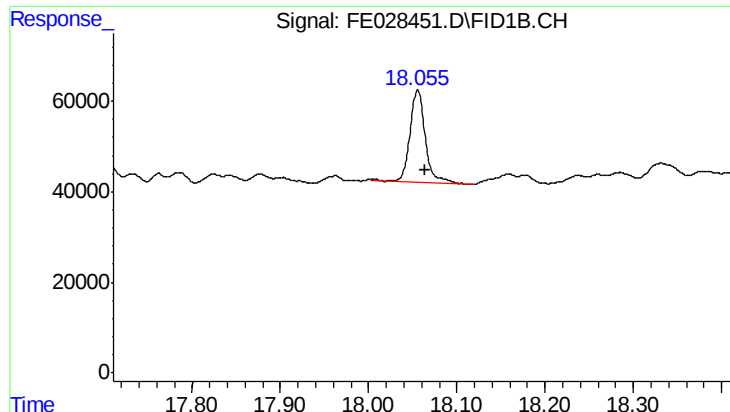
#11 N-HEXACOSANE

R.T.: 16.211 min  
Delta R.T.: -0.008 min  
Response: 235518  
Conc: 1.29 ug/ml



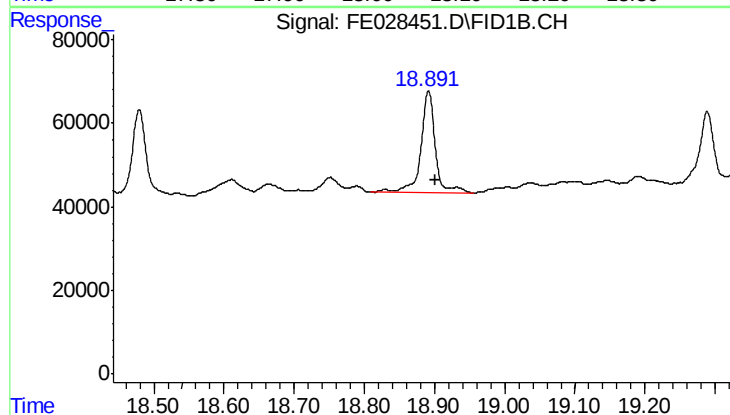
#12 N-OCTACOSANE

R.T.: 17.164 min  
Delta R.T.: -0.009 min  
Response: 187243  
Conc: 1.02 ug/ml



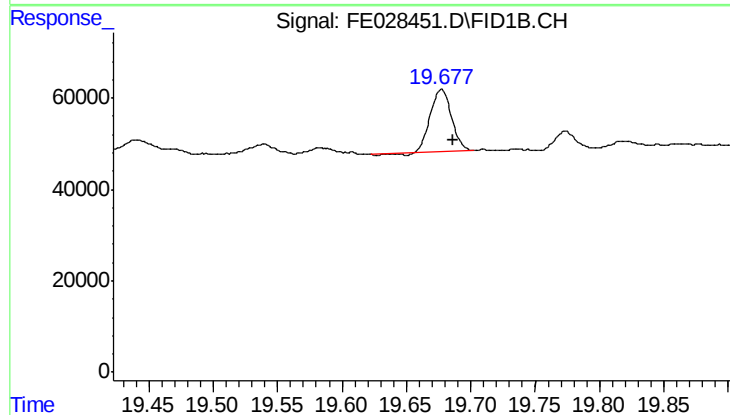
#13 N-TRIACONTANE

R.T.: 18.056 min  
Delta R.T.: -0.009 min  
Response: 249297  
Conc: 1.34 ug/ml



#14 N-DOTRIACONTANE

R.T.: 18.892 min  
Delta R.T.: -0.009 min  
Response: 346429  
Conc: 1.91 ug/ml



#15 N-TETRATRIACONTANE

R.T.: 19.677 min  
Delta R.T.: -0.010 min  
Response: 152322  
Conc: 0.88 ug/ml