

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101521\  
 Data File : FE034435.D  
 Signal(s) : FID1B.CH  
 Acq On : 15 Oct 2021 12:50  
 Operator : AJ\MA  
 Sample : M4068-01  
 Misc : LOD 1 PPM  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 15 23:20:05 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE100821.M  
 Quant Title :  
 QLast Update : Fri Oct 08 16:08:59 2021  
 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... | 14.620 | 5723651  | 16.785 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.363  | 319125   | 0.830 ug/ml  |
| 2) N-DECANE                   | 4.390  | 313544   | 0.816 ug/ml  |
| 3) N-DODECANE                 | 6.395  | 118541   | 0.310 ug/ml  |
| 4) N-TETRADECANE              | 8.203  | 249417   | 0.634 ug/ml  |
| 5) N-HEXADECANE               | 9.793  | 299538   | 0.758 ug/ml  |
| 6) N-OCTADECANE               | 11.225 | 324027   | 0.807 ug/ml  |
| 7) N-EICOSANE                 | 12.528 | 354354   | 0.881 ug/ml  |
| 8) N-DOCOSANE                 | 13.720 | 364738   | 0.928 ug/ml  |
| 10) N-TETRACOSANE             | 14.821 | 360324   | 0.925 ug/ml  |
| 11) N-HEXACOSANE              | 15.841 | 320390   | 0.840 ug/ml  |
| 12) N-OCTACOSANE              | 16.788 | 331892   | 0.879 ug/ml  |
| 13) N-TRIACONTANE             | 17.671 | 391865   | 1.051 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.501 | 386336   | 1.079 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.283 | 268949   | 0.804 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.020 | 150892   | 0.500 ug/ml  |
| 17) N-OCTATRIACONTANE         | 20.744 | 114167   | 0.416 ug/ml  |
| -----                         |        |          |              |

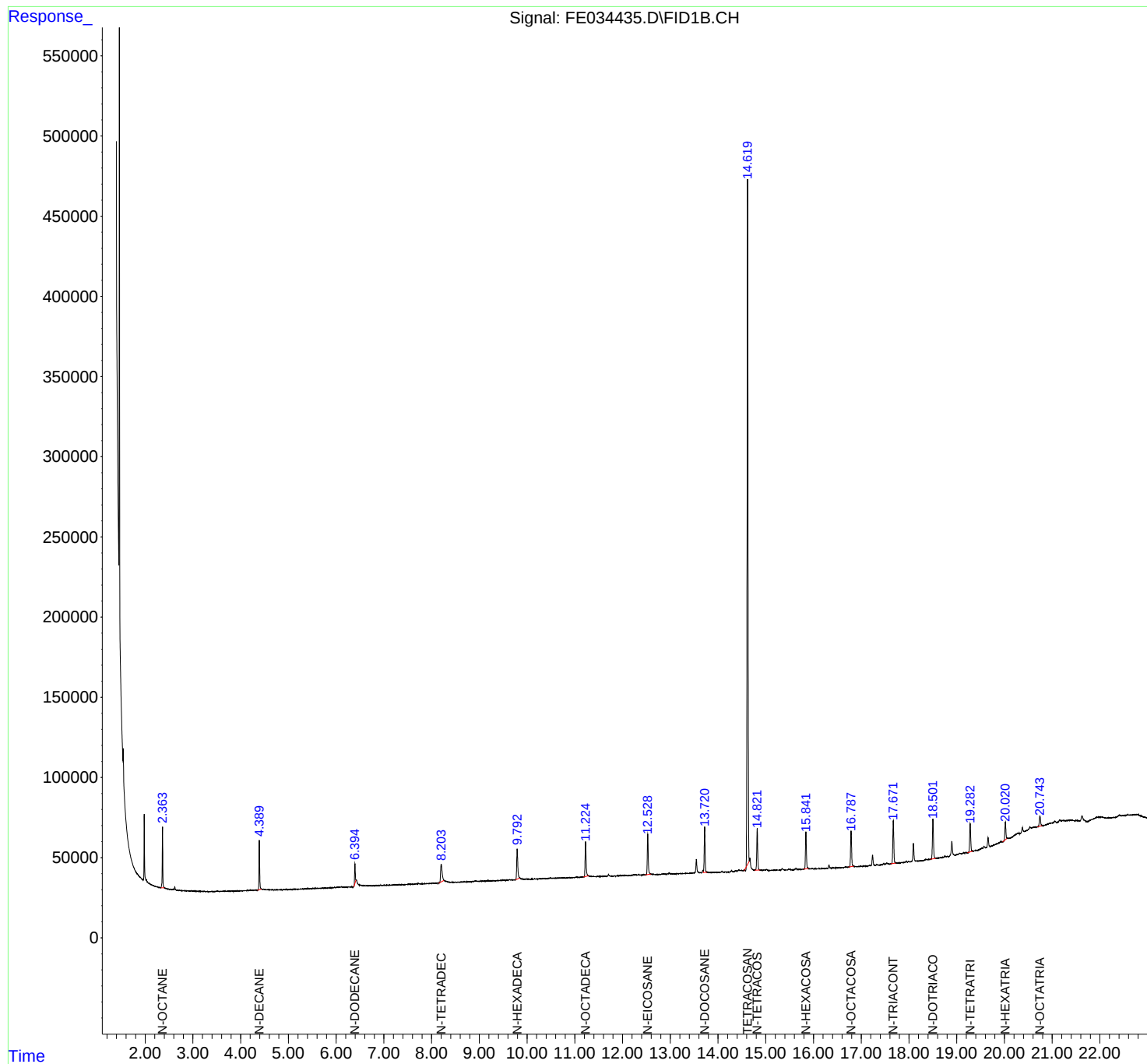
(f)=RT Delta > 1/2 Window

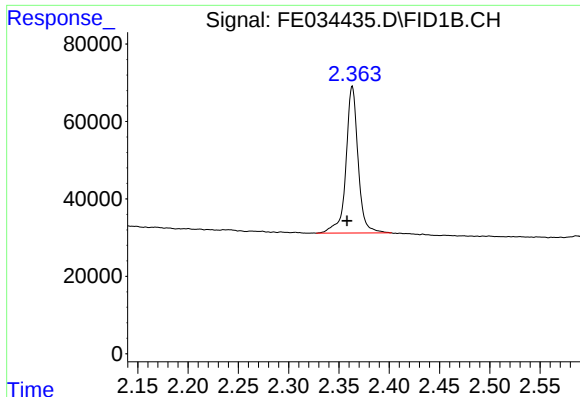
(m)=manual int.

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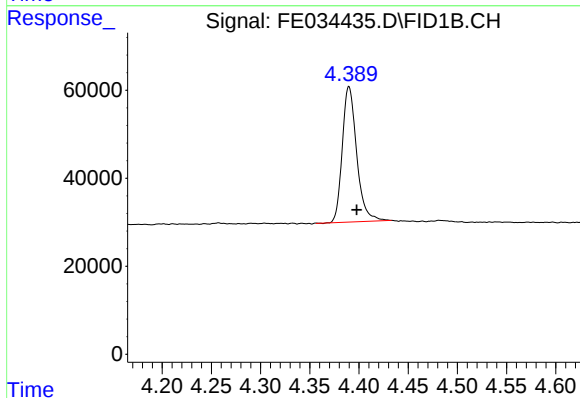
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Signal Info : 20mx0.18mmx0.18um





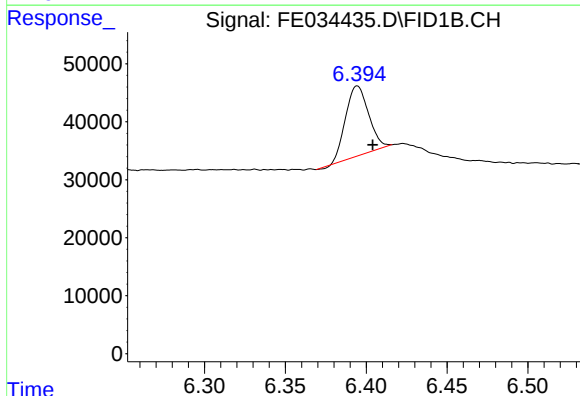
#1 N-OCTANE

R.T.: 2.363 min  
Delta R.T.: 0.005 min  
Response: 319125  
Conc: 0.83 ug/ml



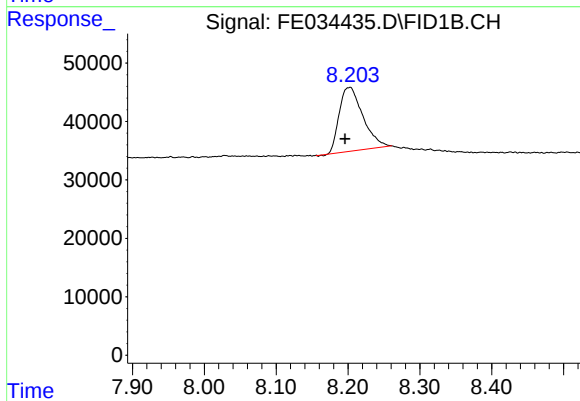
#2 N-DECANE

R.T.: 4.390 min  
Delta R.T.: -0.008 min  
Response: 313544  
Conc: 0.82 ug/ml



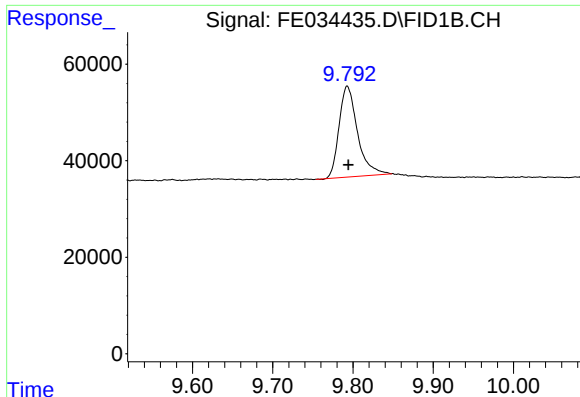
#3 N-DODECANE

R.T.: 6.395 min  
Delta R.T.: -0.009 min  
Response: 118541  
Conc: 0.31 ug/ml



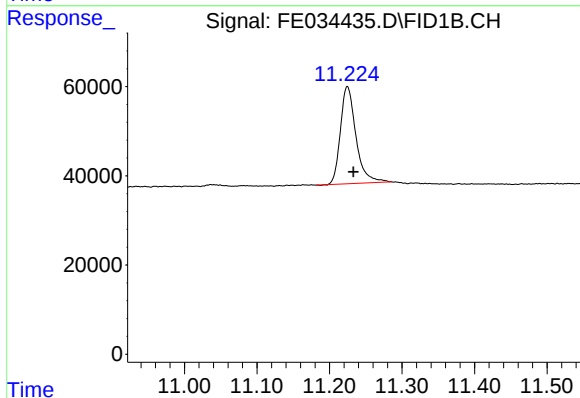
#4 N-TETRADECANE

R.T.: 8.203 min  
Delta R.T.: 0.007 min  
Response: 249417  
Conc: 0.63 ug/ml



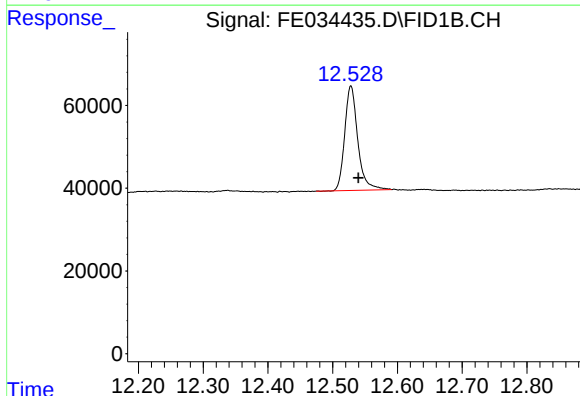
#5 N-HEXADECANE

R.T.: 9.793 min  
Delta R.T.: -0.001 min  
Response: 299538  
Conc: 0.76 ug/ml



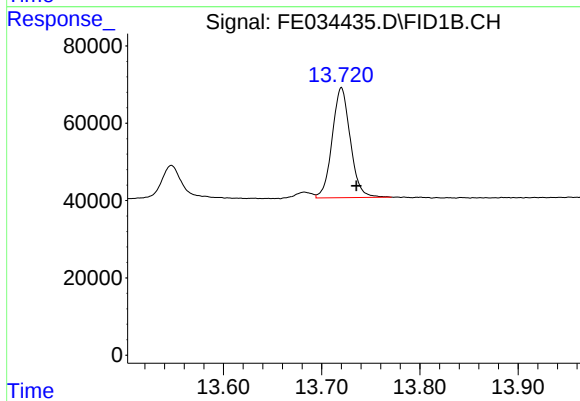
#6 N-OCTADECANE

R.T.: 11.225 min  
Delta R.T.: -0.008 min  
Response: 324027  
Conc: 0.81 ug/ml



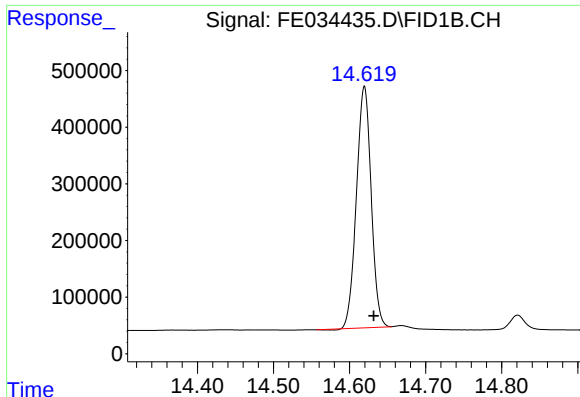
#7 N-EICOSANE

R.T.: 12.528 min  
Delta R.T.: -0.012 min  
Response: 354354  
Conc: 0.88 ug/ml



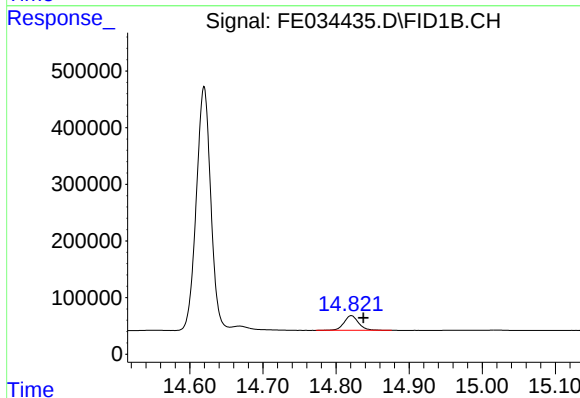
#8 N-DOCOSANE

R.T.: 13.720 min  
Delta R.T.: -0.015 min  
Response: 364738  
Conc: 0.93 ug/ml



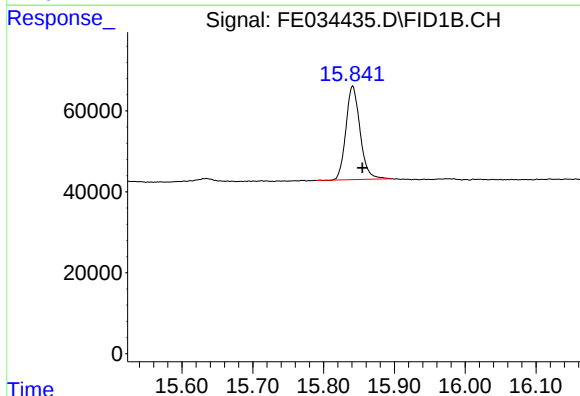
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.620 min  
Delta R.T.: -0.012 min  
Response: 5723651  
Conc: 16.79 ug/ml



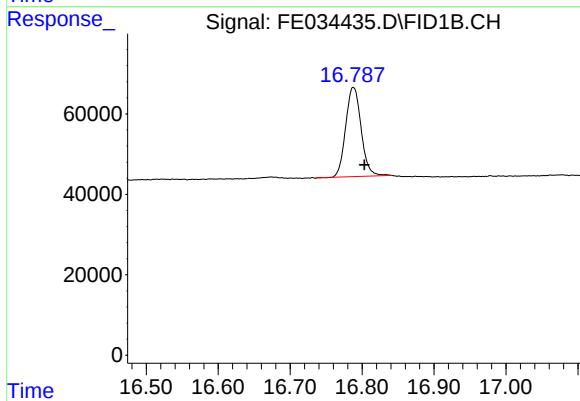
#10 N-TETRACOSANE

R.T.: 14.821 min  
Delta R.T.: -0.017 min  
Response: 360324  
Conc: 0.93 ug/ml



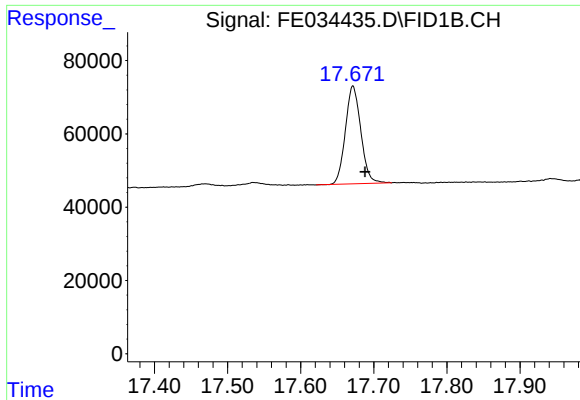
#11 N-HEXACOSANE

R.T.: 15.841 min  
Delta R.T.: -0.014 min  
Response: 320390  
Conc: 0.84 ug/ml



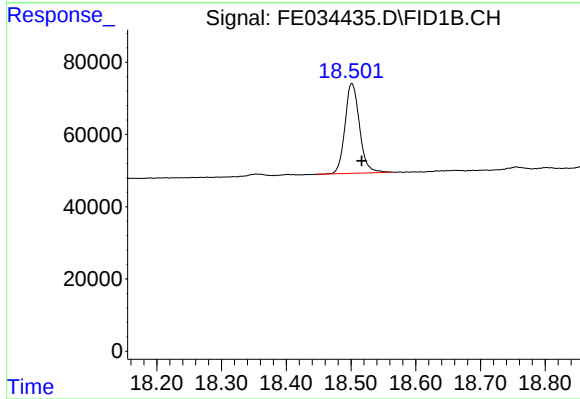
#12 N-OCTACOSANE

R.T.: 16.788 min  
Delta R.T.: -0.015 min  
Response: 331892  
Conc: 0.88 ug/ml



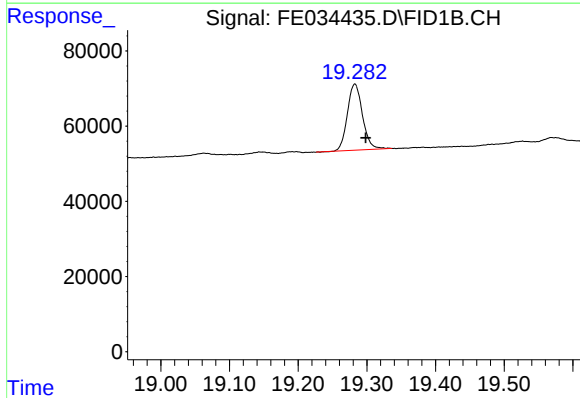
#13 N-TRIACONTANE

R.T.: 17.671 min  
Delta R.T.: -0.016 min  
Response: 391865  
Conc: 1.05 ug/ml



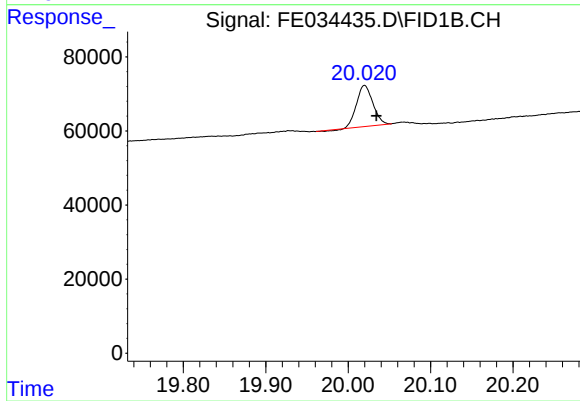
#14 N-DOTRIACONTANE

R.T.: 18.501 min  
Delta R.T.: -0.015 min  
Response: 386336  
Conc: 1.08 ug/ml



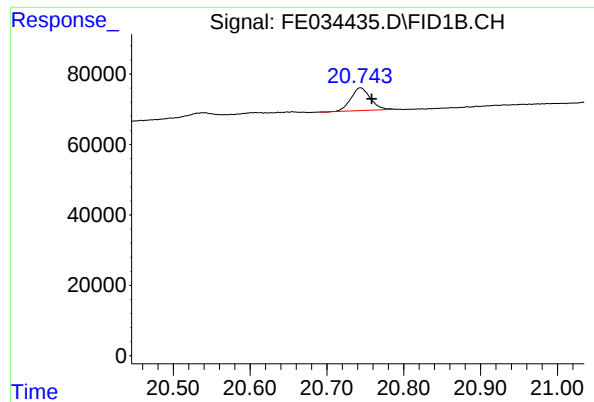
#15 N-TETRATRIACONTANE

R.T.: 19.283 min  
Delta R.T.: -0.016 min  
Response: 268949  
Conc: 0.80 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.020 min  
Delta R.T.: -0.014 min  
Response: 150892  
Conc: 0.50 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.744 min  
Delta R.T.: -0.015 min  
Response: 114167  
Conc: 0.42 ug/ml