

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG100819\  
 Data File : FG006135.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Oct 2019 10:20  
 Operator : DD\AJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 09 00:58:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG100319.M  
 Quant Title :  
 QLast Update : Fri Oct 04 04:35:47 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 14.470 | 3888215  | 41.105 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.286  | 5224548  | 50.058 ug/ml |
| 2) N-DECANE                   | 4.350  | 5532208  | 50.775 ug/ml |
| 3) N-DODECANE                 | 6.343  | 5575294  | 49.711 ug/ml |
| 4) N-TETRADECANE              | 8.110  | 5418420  | 47.820 ug/ml |
| 5) N-HEXADECANE               | 9.688  | 5240549  | 45.877 ug/ml |
| 6) N-OCTADECANE               | 11.110 | 4960392  | 43.936 ug/ml |
| 7) N-EICOSANE                 | 12.402 | 4767066  | 42.326 ug/ml |
| 8) N-DOCOSANE                 | 13.584 | 4563096  | 41.406 ug/ml |
| 10) N-TETRACOSANE             | 14.671 | 4459887  | 41.424 ug/ml |
| 11) N-HEXACOSANE              | 15.676 | 4416215  | 41.610 ug/ml |
| 12) N-OCTACOSANE              | 16.612 | 4435418  | 39.884 ug/ml |
| 13) N-TRIACONTANE             | 17.486 | 4522302  | 41.173 ug/ml |
| 14) N-DOTRIACONTANE           | 18.307 | 4452810  | 46.203 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.081 | 4432466  | 49.785 ug/ml |
| 16) N-HEXATRIACONTANE         | 19.811 | 4018462  | 48.469 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.509 | 3877402  | 51.711 ug/ml |
| 18) N-TETRACONTANE            | 21.306 | 3948626  | 51.473 ug/ml |
| -----                         |        |          |              |

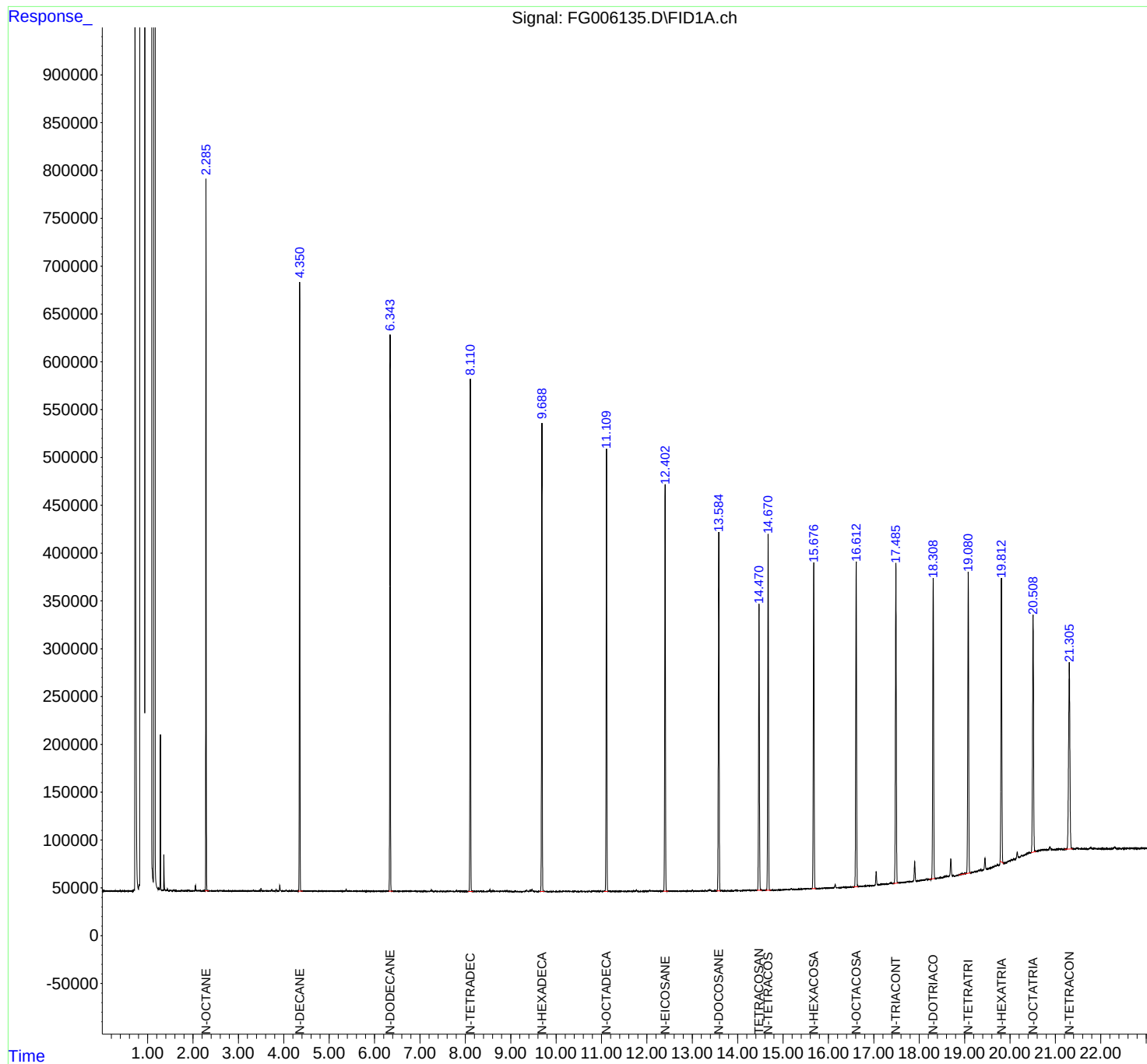
(f)=RT Delta > 1/2 Window

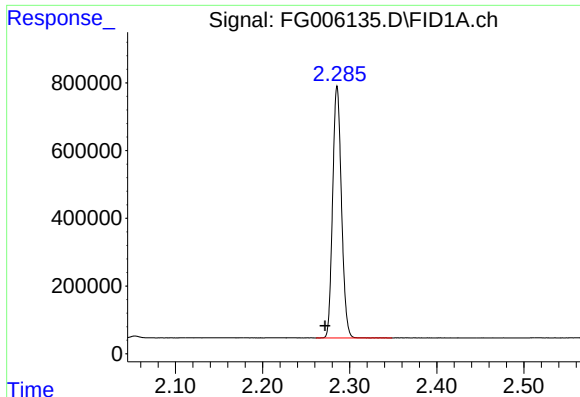
(m)=manual int.

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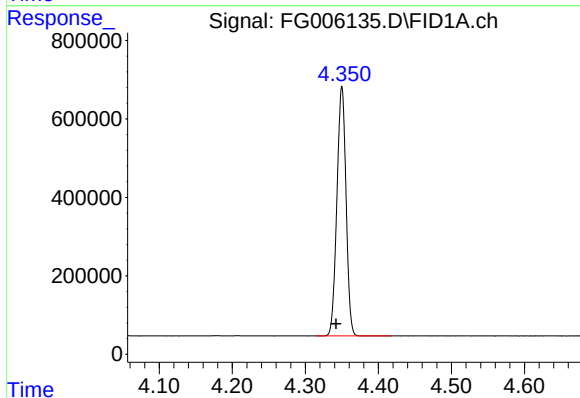
Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





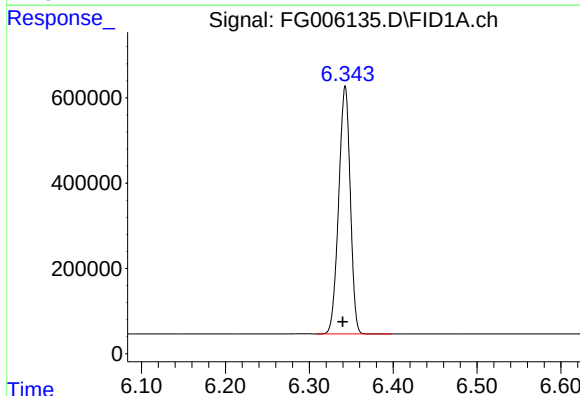
#1 N-OCTANE

R.T.: 2.286 min  
Delta R.T.: 0.014 min  
Response: 5224548  
Conc: 50.06 ug/ml



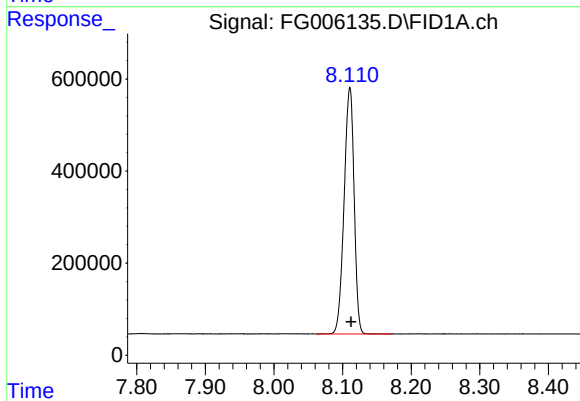
#2 N-DECANE

R.T.: 4.350 min  
Delta R.T.: 0.008 min  
Response: 5532208  
Conc: 50.78 ug/ml



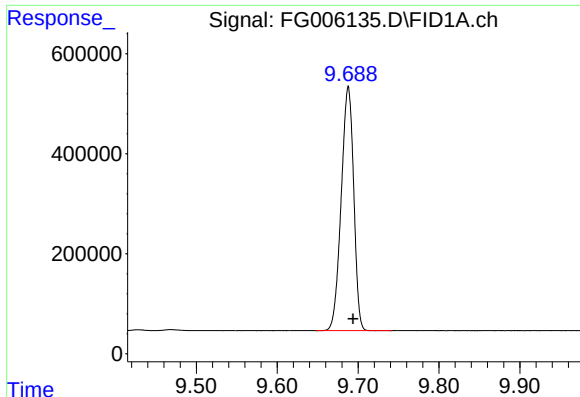
#3 N-DODECANE

R.T.: 6.343 min  
Delta R.T.: 0.003 min  
Response: 5575294  
Conc: 49.71 ug/ml



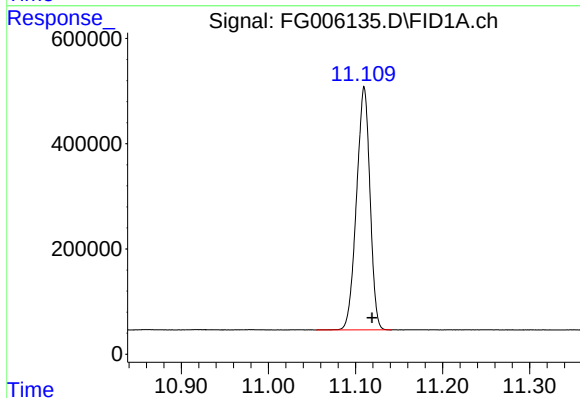
#4 N-TETRADECANE

R.T.: 8.110 min  
Delta R.T.: -0.002 min  
Response: 5418420  
Conc: 47.82 ug/ml



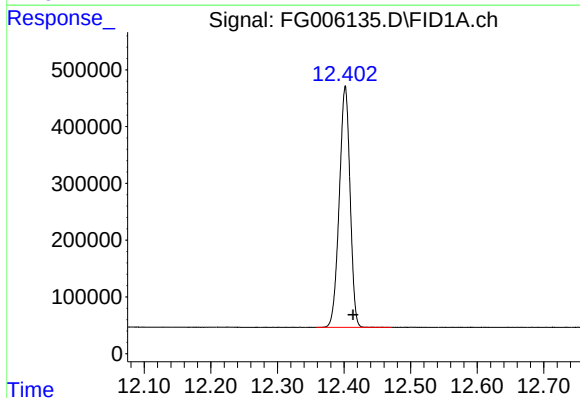
#5 N-HEXADECANE

R.T.: 9.688 min  
Delta R.T.: -0.006 min  
Response: 5240549  
Conc: 45.88 ug/ml



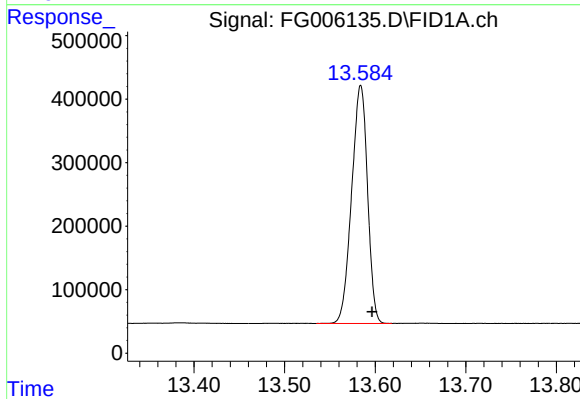
#6 N-OCTADECANE

R.T.: 11.110 min  
Delta R.T.: -0.009 min  
Response: 4960392  
Conc: 43.94 ug/ml



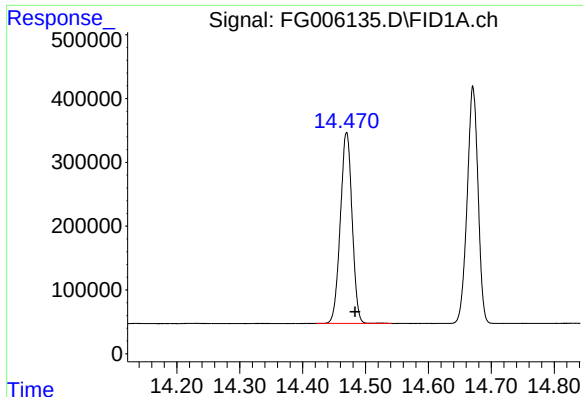
#7 N-EICOSANE

R.T.: 12.402 min  
Delta R.T.: -0.012 min  
Response: 4767066  
Conc: 42.33 ug/ml



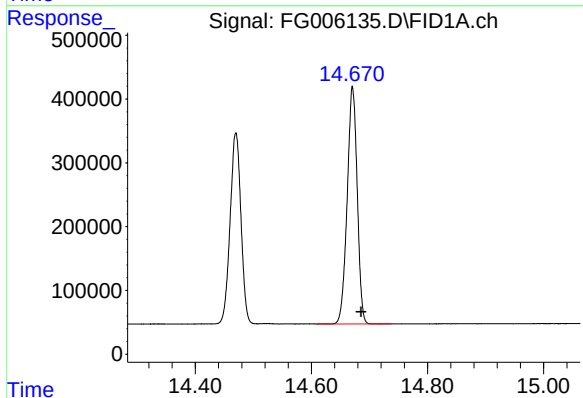
#8 N-DOCOSANE

R.T.: 13.584 min  
Delta R.T.: -0.013 min  
Response: 4563096  
Conc: 41.41 ug/ml



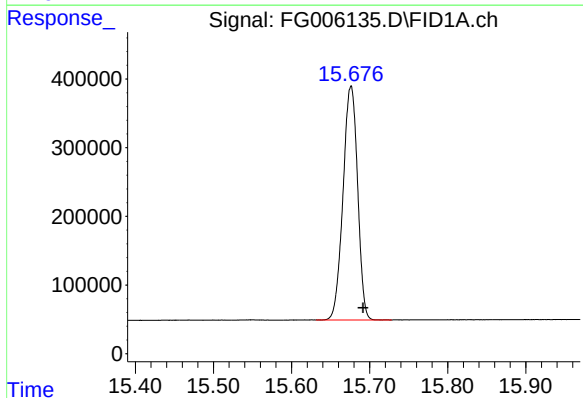
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.470 min  
Delta R.T.: -0.013 min  
Response: 3888215  
Conc: 41.10 ug/ml



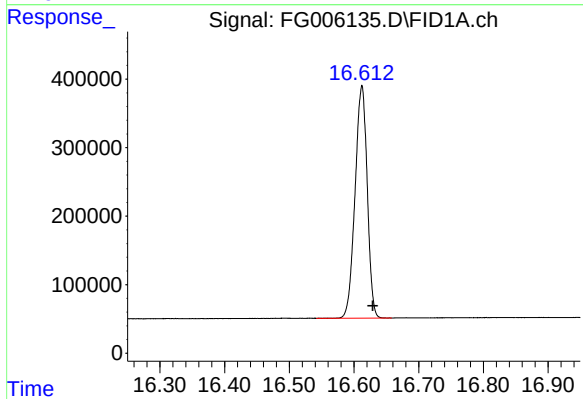
#10 N-TETRACOSANE

R.T.: 14.671 min  
Delta R.T.: -0.015 min  
Response: 4459887  
Conc: 41.42 ug/ml



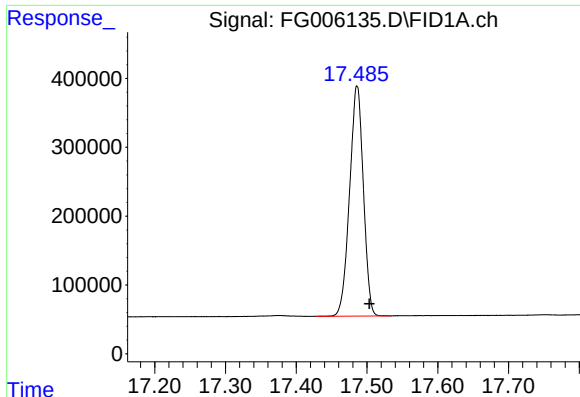
#11 N-HEXACOSANE

R.T.: 15.676 min  
Delta R.T.: -0.015 min  
Response: 4416215  
Conc: 41.61 ug/ml



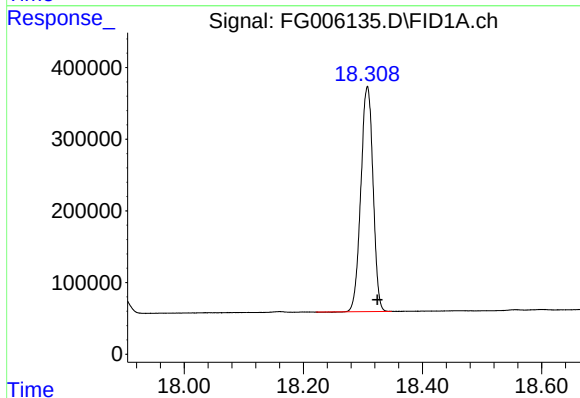
#12 N-OCTACOSANE

R.T.: 16.612 min  
Delta R.T.: -0.017 min  
Response: 4435418  
Conc: 39.88 ug/ml



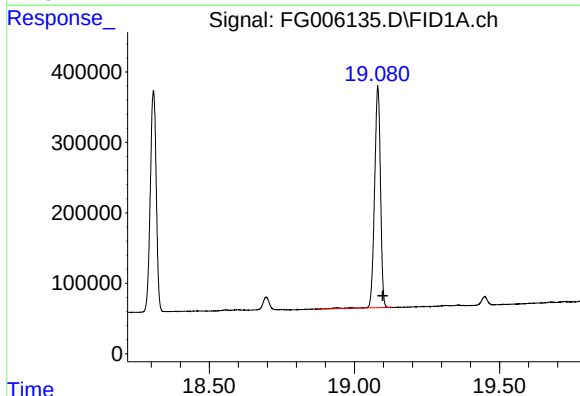
#13 N-TRIACONTANE

R.T.: 17.486 min  
Delta R.T.: -0.018 min  
Response: 4522302  
Conc: 41.17 ug/ml



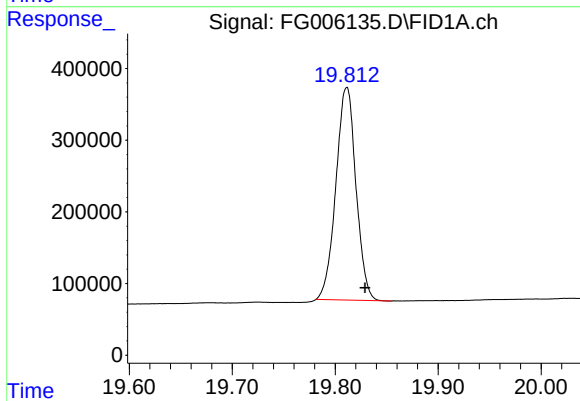
#14 N-DOTRIACONTANE

R.T.: 18.307 min  
Delta R.T.: -0.017 min  
Response: 4452810  
Conc: 46.20 ug/ml



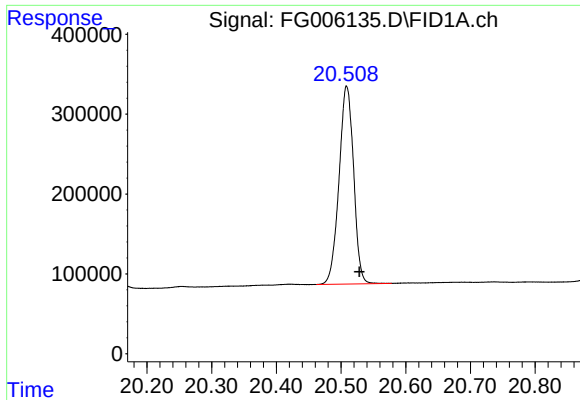
#15 N-TETRATRIACONTANE

R.T.: 19.081 min  
Delta R.T.: -0.017 min  
Response: 4432466  
Conc: 49.78 ug/ml



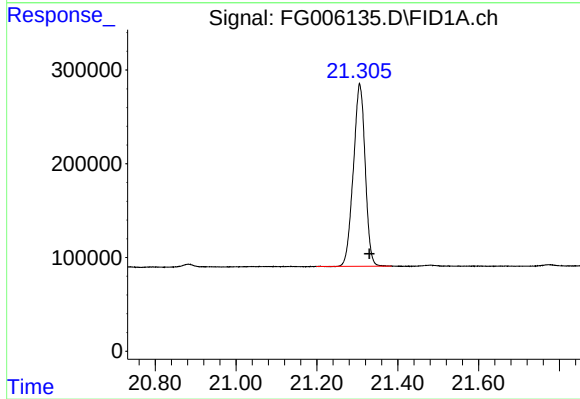
#16 N-HEXATRIACONTANE

R.T.: 19.811 min  
Delta R.T.: -0.018 min  
Response: 4018462  
Conc: 48.47 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.509 min  
Delta R.T.: -0.020 min  
Response: 3877402  
Conc: 51.71 ug/ml



#18 N-TETRACONTANE

R.T.: 21.306 min  
Delta R.T.: -0.024 min  
Response: 3948626  
Conc: 51.47 ug/ml