

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082918\  
 Data File : FG002200.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Aug 2018 15:56  
 Operator : AJ\SJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 30 01:55:41 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG073018.M  
 Quant Title :  
 QLast Update : Mon Jul 30 13:56:56 2018  
 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... | 14.452 | 7578758  | 60.124 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.143  | 9179436  | 63.544 ug/ml |
| 2) N-DECANE                   | 4.208  | 9381919  | 63.659 ug/ml |
| 3) N-DODECANE                 | 6.219  | 9479982  | 63.104 ug/ml |
| 4) N-TETRADECANE              | 8.010  | 9453498  | 62.150 ug/ml |
| 5) N-HEXADECANE               | 9.608  | 9359171  | 61.445 ug/ml |
| 6) N-OCTADECANE               | 11.048 | 9259986  | 60.369 ug/ml |
| 7) N-EICOSANE                 | 12.355 | 9036280  | 59.881 ug/ml |
| 8) N-DOCOSANE                 | 13.553 | 8814480  | 60.012 ug/ml |
| 10) N-TETRACOSANE             | 14.656 | 8515698  | 59.395 ug/ml |
| 11) N-HEXACOSANE              | 15.677 | 8277113  | 58.757 ug/ml |
| 12) N-OCTACOSANE              | 16.627 | 8082931  | 57.937 ug/ml |
| 13) N-TRIACONTANE             | 17.516 | 8030499  | 58.802 ug/ml |
| 14) N-DOTRIACONTANE           | 18.350 | 8000865  | 64.605 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.136 | 8226030  | 75.658 ug/ml |
| 16) N-HEXATRIACONTANE         | 19.879 | 8187121  | 85.217 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.591 | 7615695  | 90.398 ug/ml |
| 18) N-TETRACONTANE            | 21.422 | 7660508  | 92.355 ug/ml |
| -----                         |        |          |              |

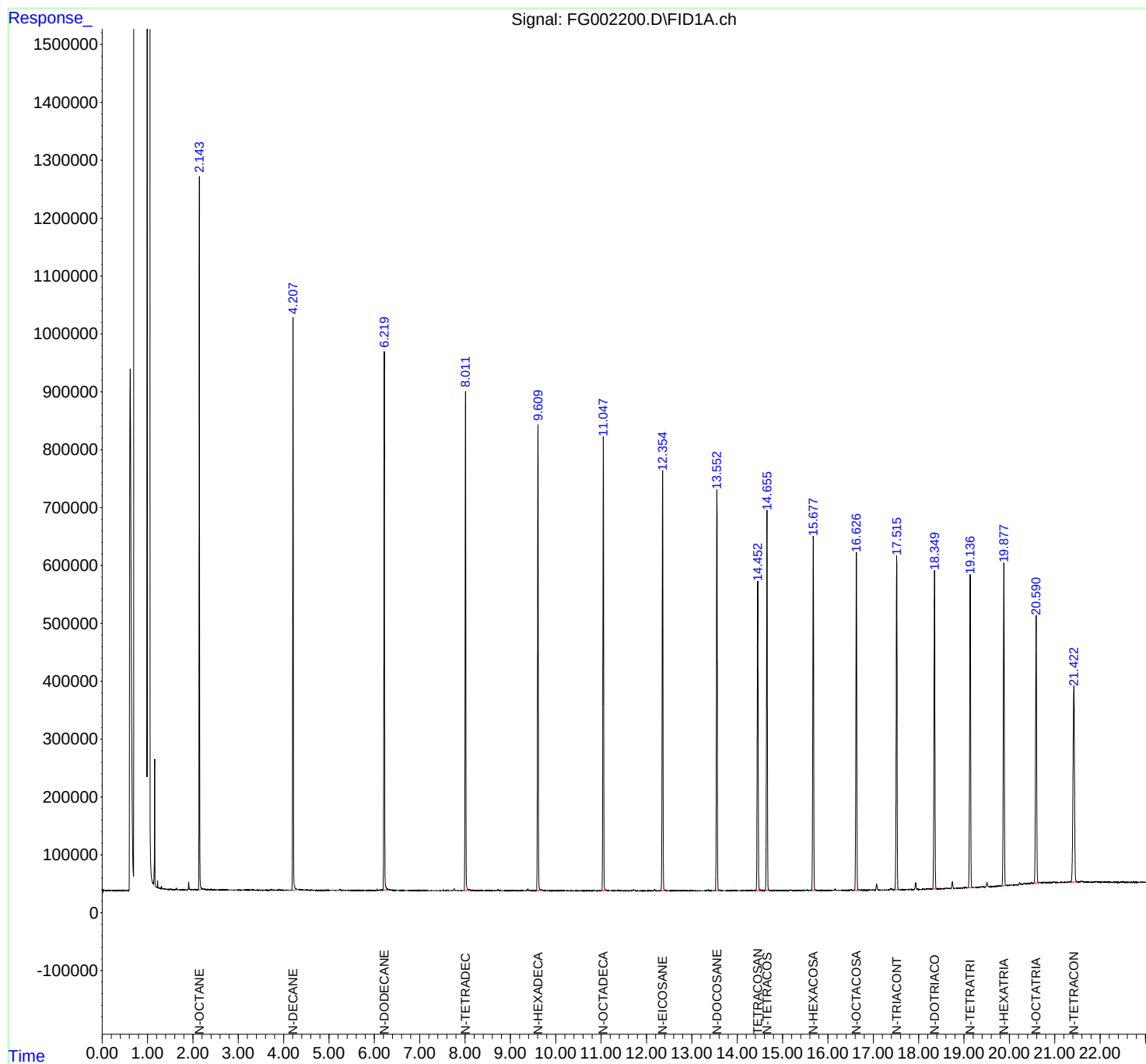
(f)=RT Delta > 1/2 Window

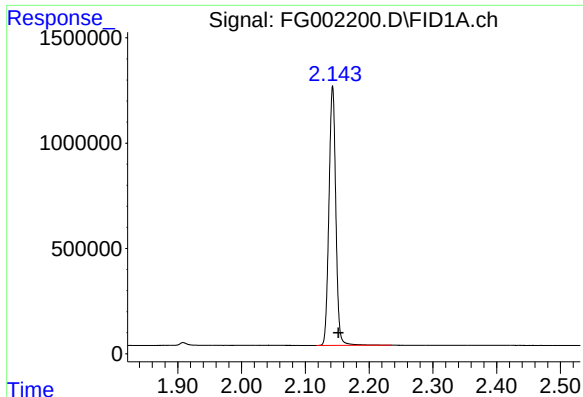
(m)=manual int.

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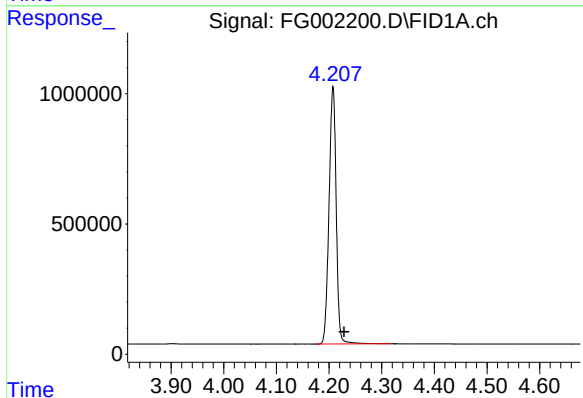
Volume Inj. : 1uL  
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Signal Info : 20mx0.18mmx0.18um





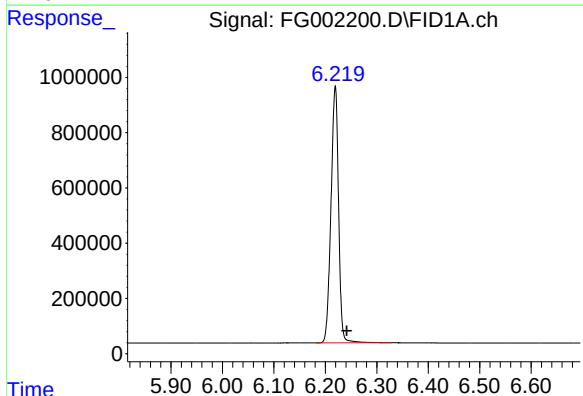
#1 N-OCTANE

R.T.: 2.143 min  
Delta R.T.: -0.009 min  
Response: 9179436  
Conc: 63.54 ug/ml



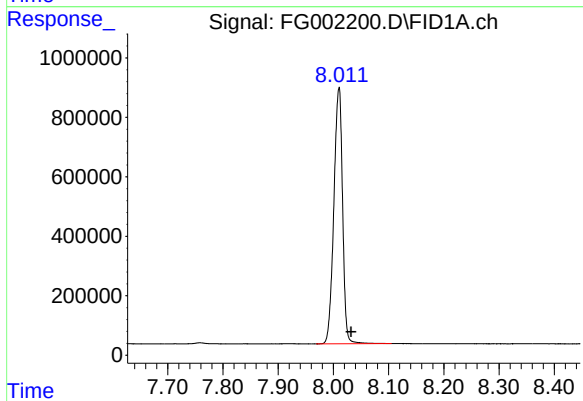
#2 N-DECANE

R.T.: 4.208 min  
Delta R.T.: -0.021 min  
Response: 9381919  
Conc: 63.66 ug/ml



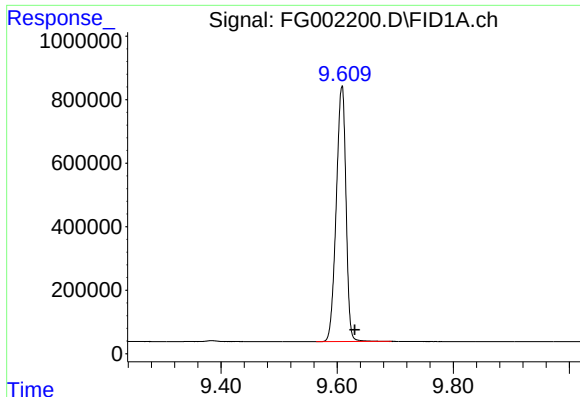
#3 N-DODECANE

R.T.: 6.219 min  
Delta R.T.: -0.022 min  
Response: 9479982  
Conc: 63.10 ug/ml



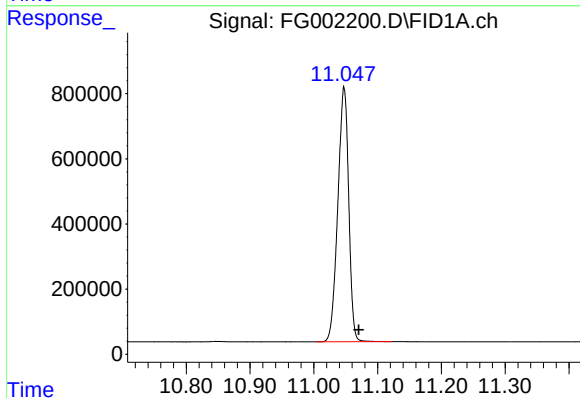
#4 N-TETRADECANE

R.T.: 8.010 min  
Delta R.T.: -0.022 min  
Response: 9453498  
Conc: 62.15 ug/ml



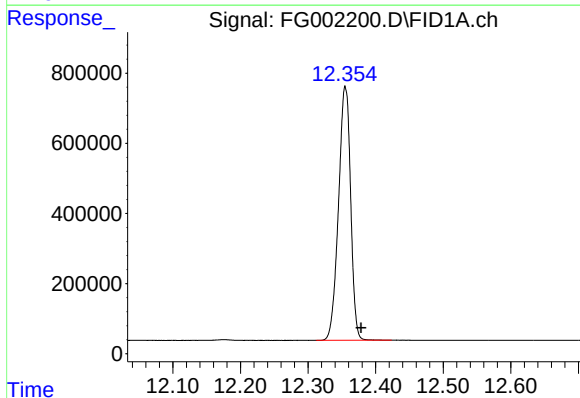
#5 N-HEXADECANE

R.T.: 9.608 min  
Delta R.T.: -0.022 min  
Response: 9359171  
Conc: 61.45 ug/ml



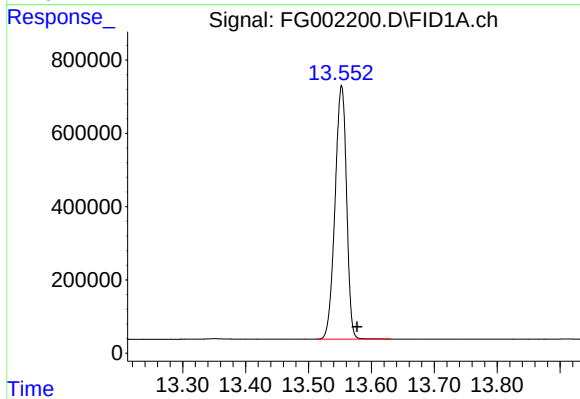
#6 N-OCTADECANE

R.T.: 11.048 min  
Delta R.T.: -0.023 min  
Response: 9259986  
Conc: 60.37 ug/ml



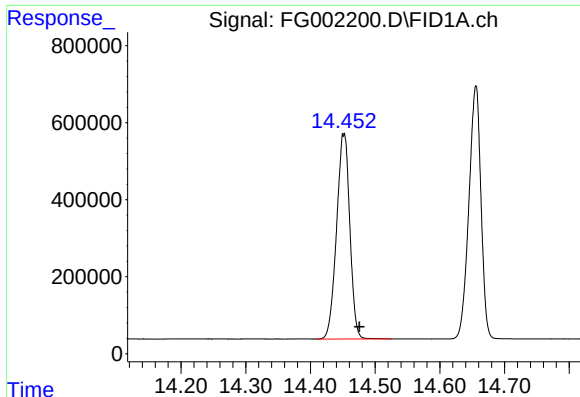
#7 N-EICOSANE

R.T.: 12.355 min  
Delta R.T.: -0.023 min  
Response: 9036280  
Conc: 59.88 ug/ml



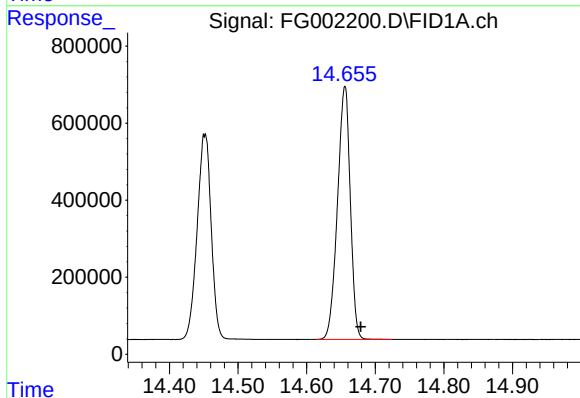
#8 N-DOCOSANE

R.T.: 13.553 min  
Delta R.T.: -0.024 min  
Response: 8814480  
Conc: 60.01 ug/ml



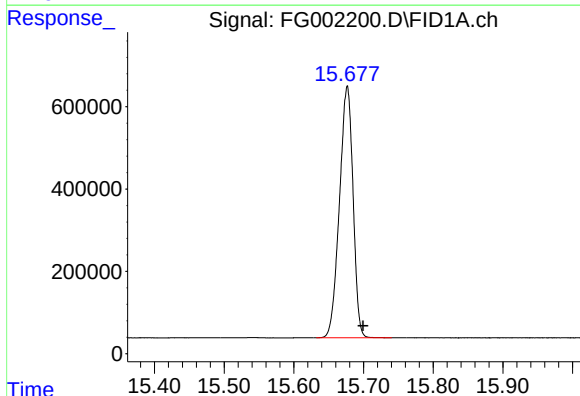
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.452 min  
Delta R.T.: -0.024 min  
Response: 7578758  
Conc: 60.12 ug/ml



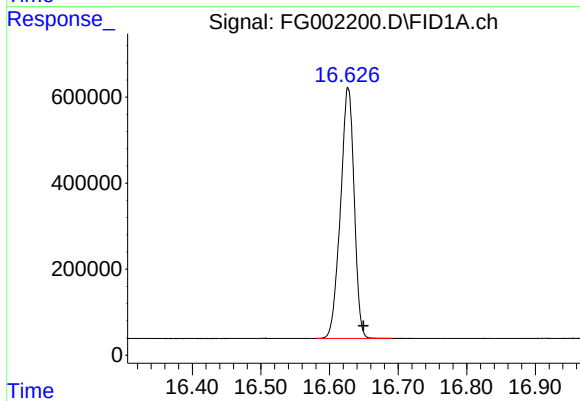
#10 N-TETRACOSANE

R.T.: 14.656 min  
Delta R.T.: -0.023 min  
Response: 8515698  
Conc: 59.39 ug/ml



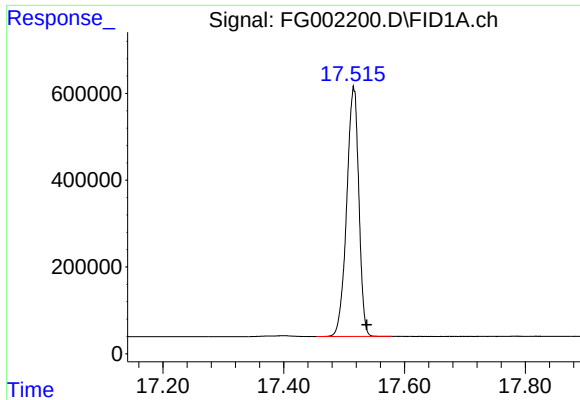
#11 N-HEXACOSANE

R.T.: 15.677 min  
Delta R.T.: -0.023 min  
Response: 8277113  
Conc: 58.76 ug/ml



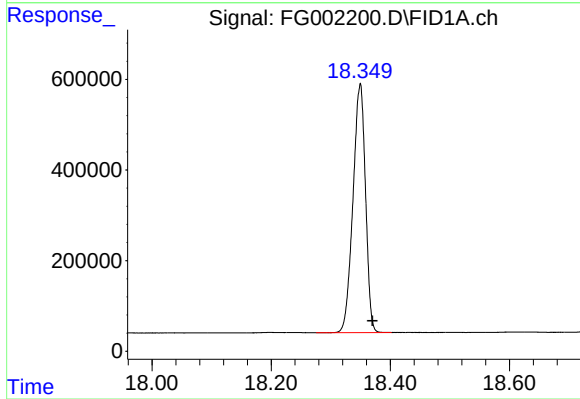
#12 N-OCTACOSANE

R.T.: 16.627 min  
Delta R.T.: -0.022 min  
Response: 8082931  
Conc: 57.94 ug/ml



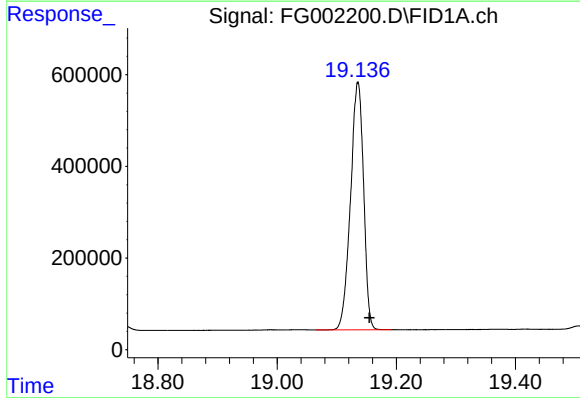
#13 N-TRIACONTANE

R.T.: 17.516 min  
Delta R.T.: -0.021 min  
Response: 8030499  
Conc: 58.80 ug/ml



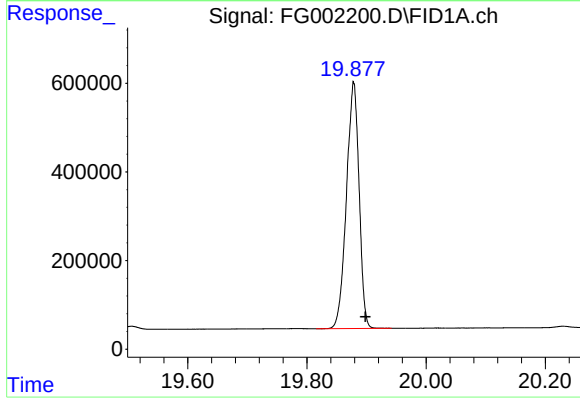
#14 N-DOTRIACONTANE

R.T.: 18.350 min  
Delta R.T.: -0.020 min  
Response: 8000865  
Conc: 64.60 ug/ml



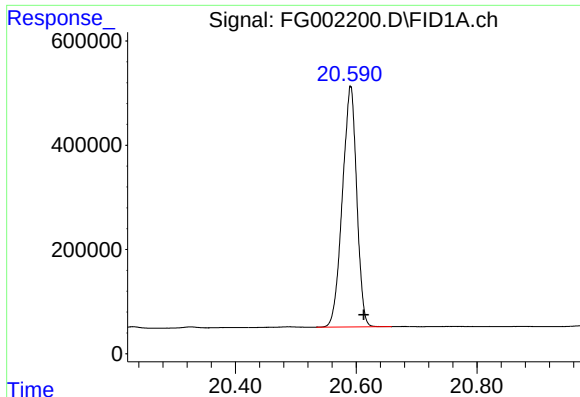
#15 N-TETRATRIACONTANE

R.T.: 19.136 min  
Delta R.T.: -0.019 min  
Response: 8226030  
Conc: 75.66 ug/ml



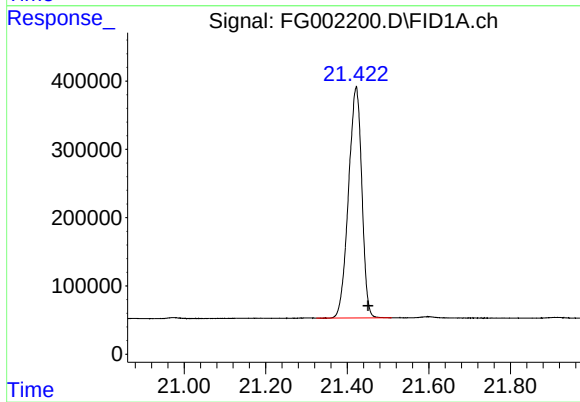
#16 N-HEXATRIACONTANE

R.T.: 19.879 min  
Delta R.T.: -0.020 min  
Response: 8187121  
Conc: 85.22 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.591 min  
Delta R.T.: -0.022 min  
Response: 7615695  
Conc: 90.40 ug/ml



#18 N-TETRACONTANE

R.T.: 21.422 min  
Delta R.T.: -0.029 min  
Response: 7660508  
Conc: 92.36 ug/ml