

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG081718\  
 Data File : FG002119.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Aug 2018 20:00  
 Operator : AJ\SJ  
 Sample : 50 PPM TRPH STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 18 00:46:46 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... | 14.458 | 5852753  | 46.431 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.138  | 6907079  | 47.814 ug/ml |
| 2) N-DECANE                   | 4.210  | 7173732  | 48.676 ug/ml |
| 3) N-DODECANE                 | 6.224  | 7319193  | 48.720 ug/ml |
| 4) N-TETRADECANE              | 8.014  | 7335273  | 48.224 ug/ml |
| 5) N-HEXADECANE               | 9.612  | 7274368  | 47.758 ug/ml |
| 6) N-OCTADECANE               | 11.052 | 7190738  | 46.879 ug/ml |
| 7) N-EICOSANE                 | 12.361 | 7006382  | 46.429 ug/ml |
| 8) N-DOCOSANE                 | 13.559 | 6796826  | 46.275 ug/ml |
| 10) N-TETRACOSANE             | 14.662 | 6562551  | 45.772 ug/ml |
| 11) N-HEXACOSANE              | 15.683 | 6352039  | 45.092 ug/ml |
| 12) N-OCTACOSANE              | 16.633 | 6158720  | 44.145 ug/ml |
| 13) N-TRIACONTANE             | 17.521 | 6049330  | 44.295 ug/ml |
| 14) N-DOTRIACONTANE           | 18.355 | 6051856  | 48.867 ug/ml |
| 15) N-TETRATRIACONTANE        | 19.141 | 6283325  | 57.790 ug/ml |
| 16) N-HEXATRIACONTANE         | 19.883 | 6302420  | 65.600 ug/ml |
| 17) N-OCTATRIACONTANE         | 20.597 | 5973412  | 70.904 ug/ml |
| 18) N-TETRACONTANE            | 21.428 | 6076343  | 73.257 ug/ml |
| -----                         |        |          |              |

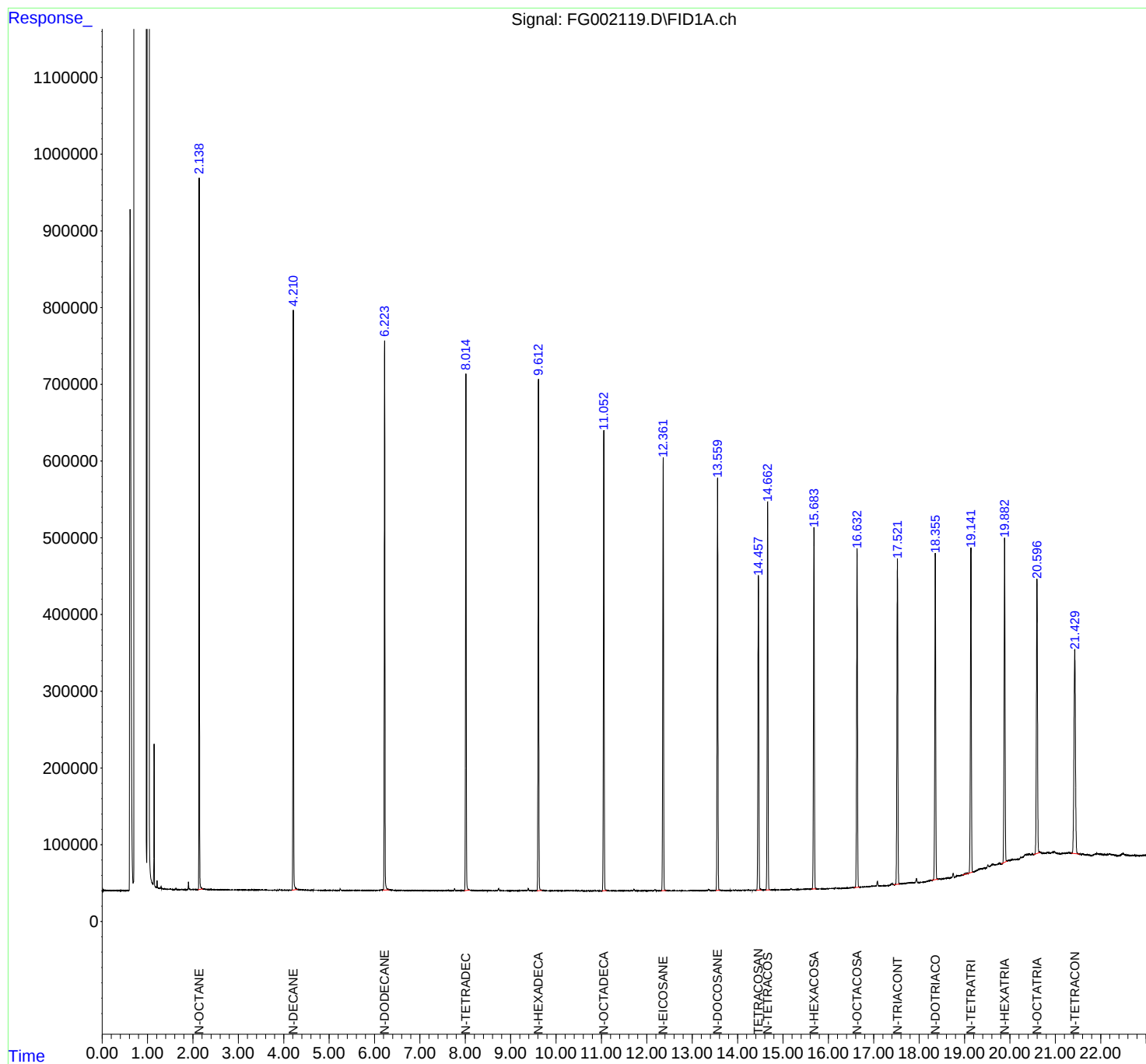
(f)=RT Delta > 1/2 Window

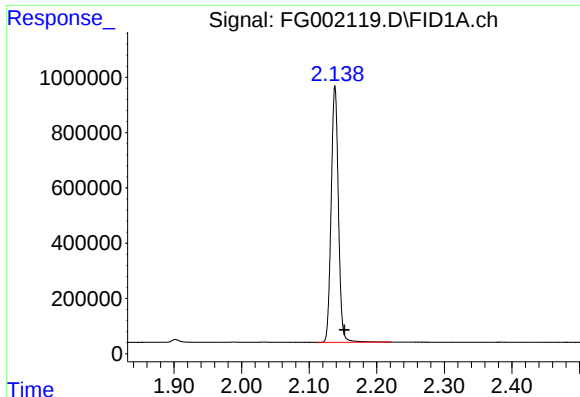
(m)=manual int.

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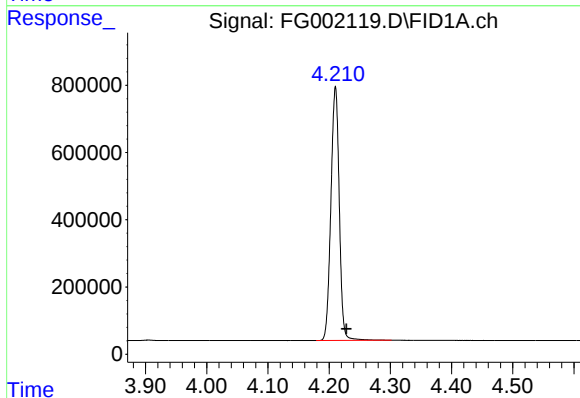
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Signal Info : 20mx0.18mmx0.18um





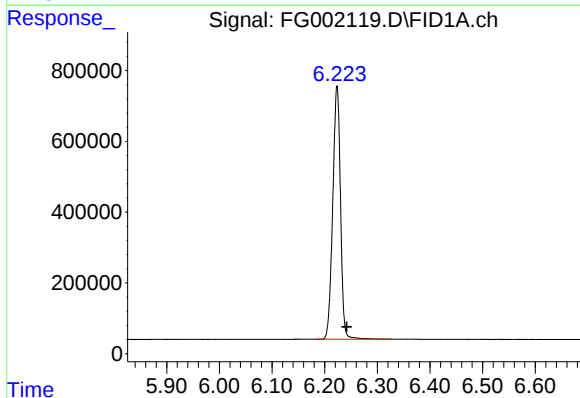
#1 N-OCTANE

R.T.: 2.138 min  
Delta R.T.: -0.014 min  
Response: 6907079  
Conc: 47.81 ug/ml



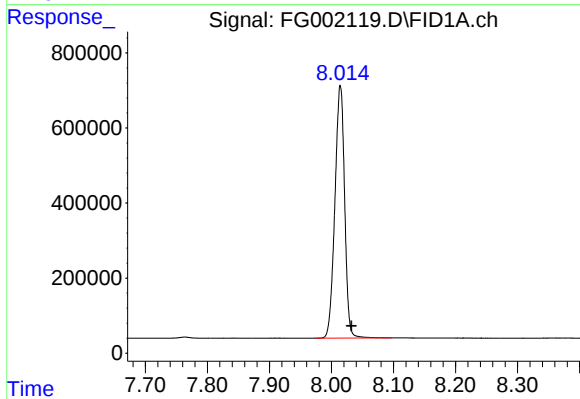
#2 N-DECANE

R.T.: 4.210 min  
Delta R.T.: -0.018 min  
Response: 7173732  
Conc: 48.68 ug/ml



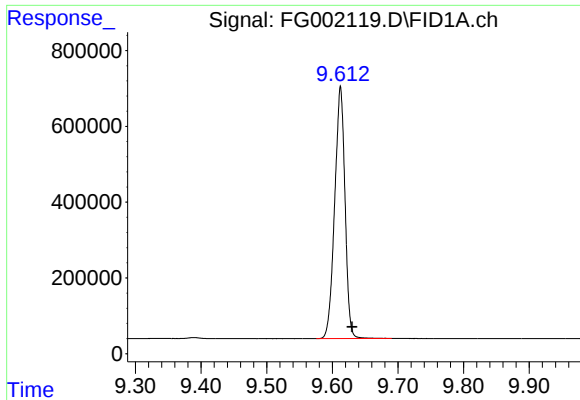
#3 N-DODECANE

R.T.: 6.224 min  
Delta R.T.: -0.018 min  
Response: 7319193  
Conc: 48.72 ug/ml



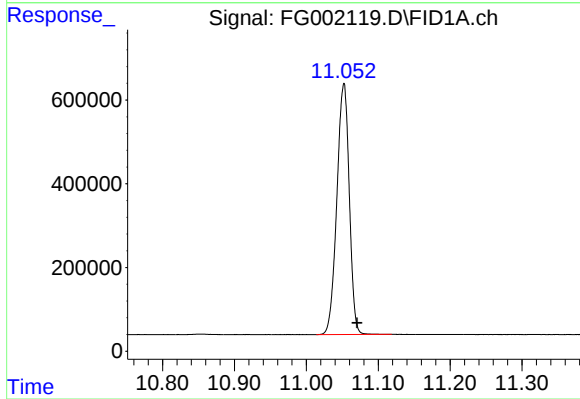
#4 N-TETRADECANE

R.T.: 8.014 min  
Delta R.T.: -0.018 min  
Response: 7335273  
Conc: 48.22 ug/ml



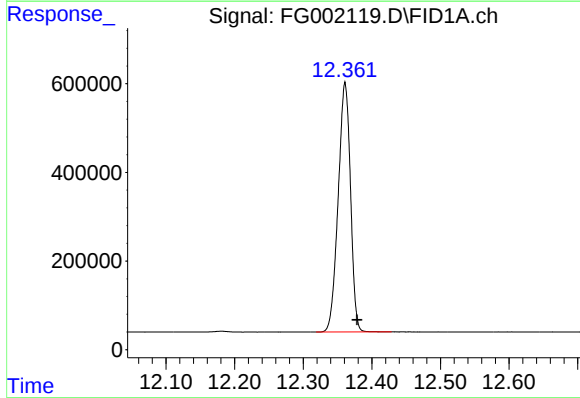
#5 N-HEXADECANE

R.T.: 9.612 min  
Delta R.T.: -0.018 min  
Response: 7274368  
Conc: 47.76 ug/ml



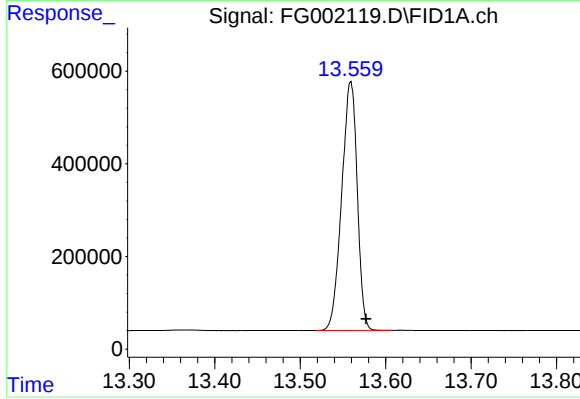
#6 N-OCTADECANE

R.T.: 11.052 min  
Delta R.T.: -0.018 min  
Response: 7190738  
Conc: 46.88 ug/ml



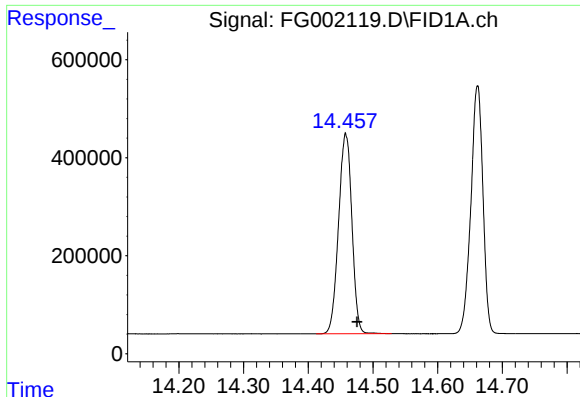
#7 N-EICOSANE

R.T.: 12.361 min  
Delta R.T.: -0.017 min  
Response: 7006382  
Conc: 46.43 ug/ml



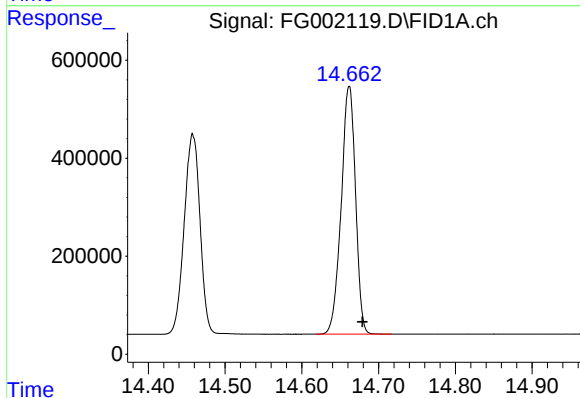
#8 N-DOCOSANE

R.T.: 13.559 min  
Delta R.T.: -0.018 min  
Response: 6796826  
Conc: 46.28 ug/ml



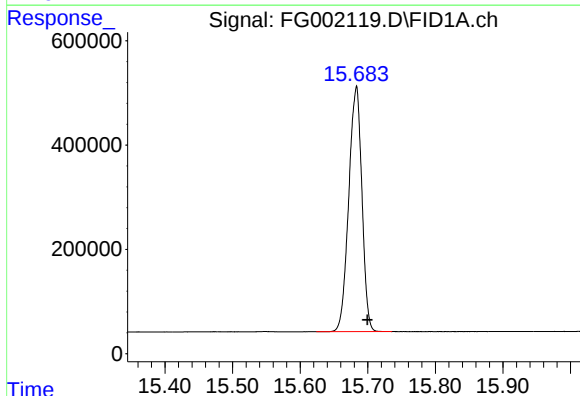
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.458 min  
Delta R.T.: -0.018 min  
Response: 5852753  
Conc: 46.43 ug/ml



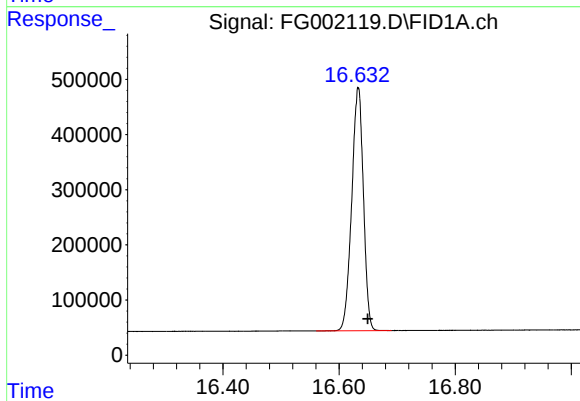
#10 N-TETRACOSANE

R.T.: 14.662 min  
Delta R.T.: -0.017 min  
Response: 6562551  
Conc: 45.77 ug/ml



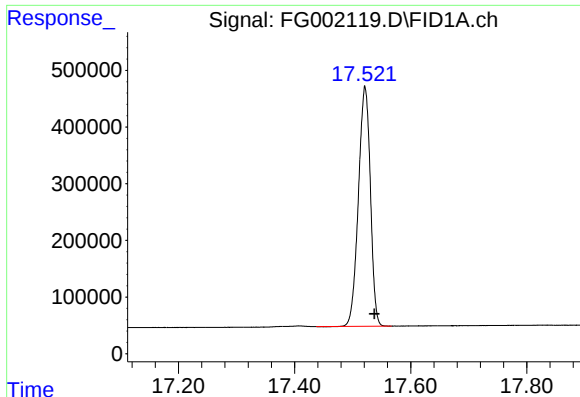
#11 N-HEXACOSANE

R.T.: 15.683 min  
Delta R.T.: -0.016 min  
Response: 6352039  
Conc: 45.09 ug/ml



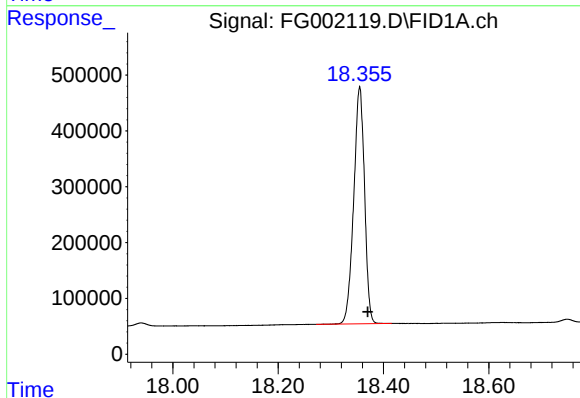
#12 N-OCTACOSANE

R.T.: 16.633 min  
Delta R.T.: -0.016 min  
Response: 6158720  
Conc: 44.14 ug/ml



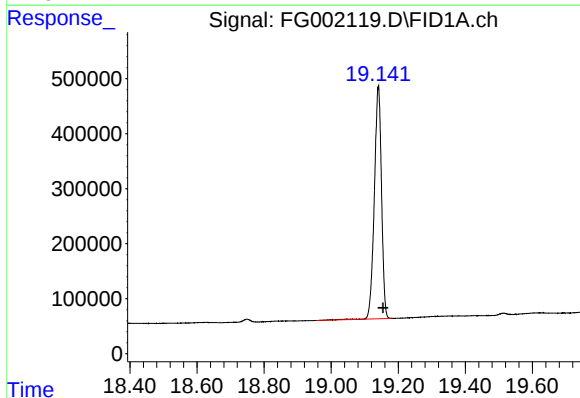
#13 N-TRIACONTANE

R.T.: 17.521 min  
Delta R.T.: -0.016 min  
Response: 6049330  
Conc: 44.29 ug/ml



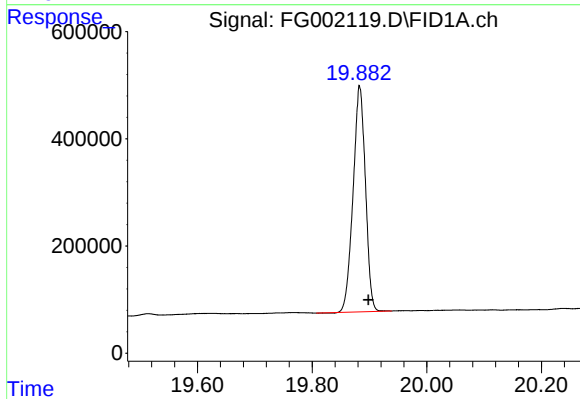
#14 N-DOTRIACONTANE

R.T.: 18.355 min  
Delta R.T.: -0.015 min  
Response: 6051856  
Conc: 48.87 ug/ml



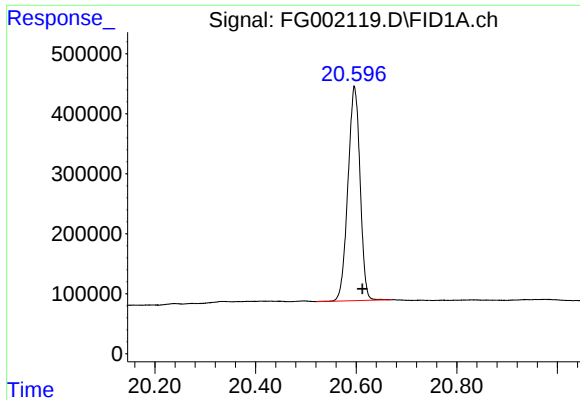
#15 N-TETRATRIACONTANE

R.T.: 19.141 min  
Delta R.T.: -0.014 min  
Response: 6283325  
Conc: 57.79 ug/ml



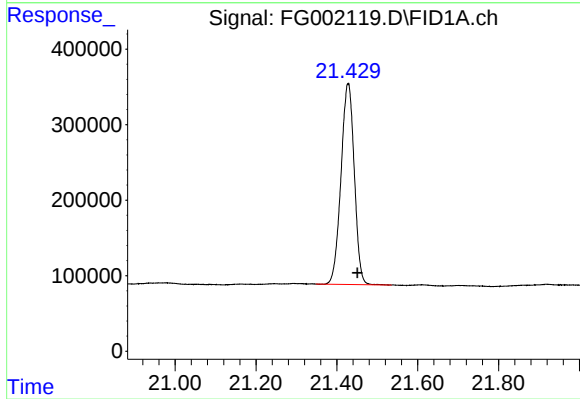
#16 N-HEXATRIACONTANE

R.T.: 19.883 min  
Delta R.T.: -0.015 min  
Response: 6302420  
Conc: 65.60 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.597 min  
Delta R.T.: -0.016 min  
Response: 5973412  
Conc: 70.90 ug/ml



#18 N-TETRACONTANE

R.T.: 21.428 min  
Delta R.T.: -0.023 min  
Response: 6076343  
Conc: 73.26 ug/ml