

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100623\  
 Data File : FE044682.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Oct 2023 09:14  
 Operator : YP\AJ  
 Sample : 04699-10  
 Misc : 2.5PPM WATER LOD  
 ALS Vial : 49 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 09 00:18:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE100323.M  
 Quant Title :  
 QLast Update : Tue Oct 03 12:58:41 2023  
 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... | 15.028 | 2870842  | 19.568 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.025  | 455904   | 2.812 ug/ml  |
| 2) N-DECANE                   | 4.552  | 521547   | 3.186 ug/ml  |
| 3) N-DODECANE                 | 6.721  | 515715   | 3.112 ug/ml  |
| 4) N-TETRADECANE              | 8.550  | 525262   | 3.162 ug/ml  |
| 5) N-HEXADECANE               | 10.162 | 533307   | 3.166 ug/ml  |
| 6) N-OCTADECANE               | 11.609 | 538912   | 3.224 ug/ml  |
| 7) N-EICOSANE                 | 12.923 | 526875   | 3.214 ug/ml  |
| 8) N-DOCOSANE                 | 14.125 | 521166   | 3.313 ug/ml  |
| 10) N-TETRACOSANE             | 15.231 | 502766   | 3.247 ug/ml  |
| 11) N-HEXACOSANE              | 16.255 | 491797   | 3.262 ug/ml  |
| 12) N-OCTACOSANE              | 17.209 | 493845   | 3.325 ug/ml  |
| 13) N-TRIACONTANE             | 18.100 | 513142   | 3.459 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.934 | 530970   | 3.664 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.721 | 510527   | 3.991 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.462 | 493473   | 4.672 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.209 | 485916   | 4.884 ug/ml  |
| 18) N-TETRACONTANE            | 22.142 | 497335   | 4.869 ug/ml  |
| -----                         |        |          |              |

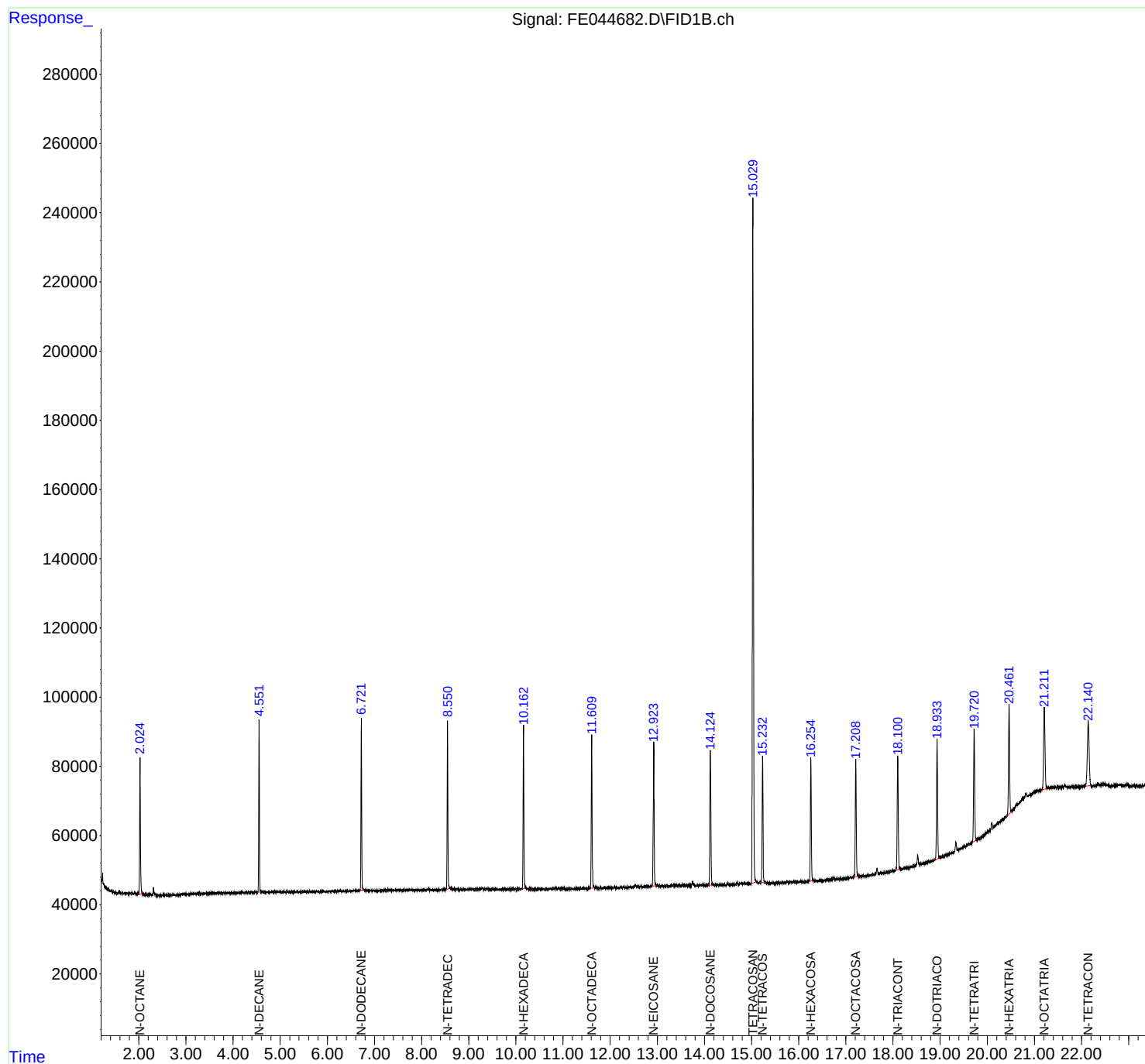
(f)=RT Delta > 1/2 Window

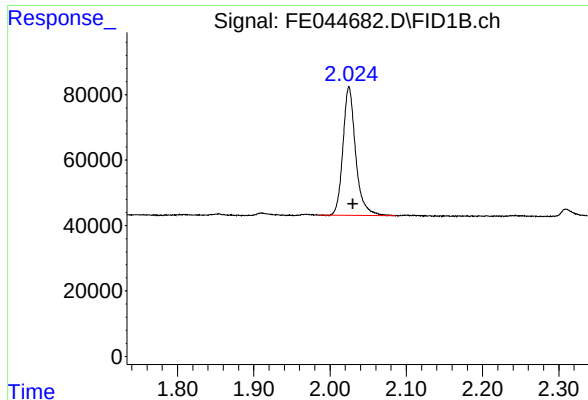
(m)=manual int.

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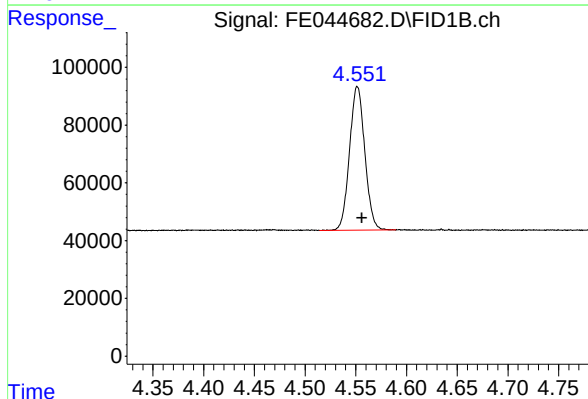
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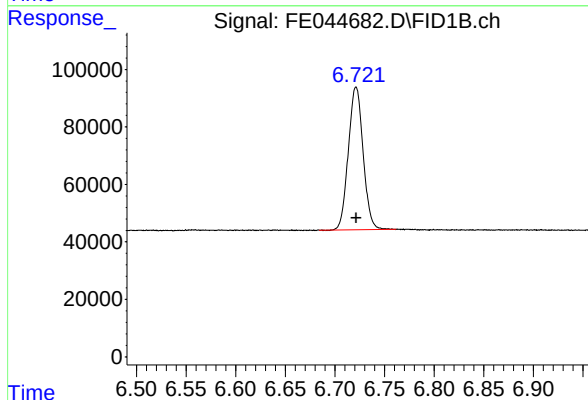
#1 N-OCTANE

R.T.: 2.025 min  
Delta R.T.: -0.005 min  
Response: 455904  
Conc: 2.81 ug/ml



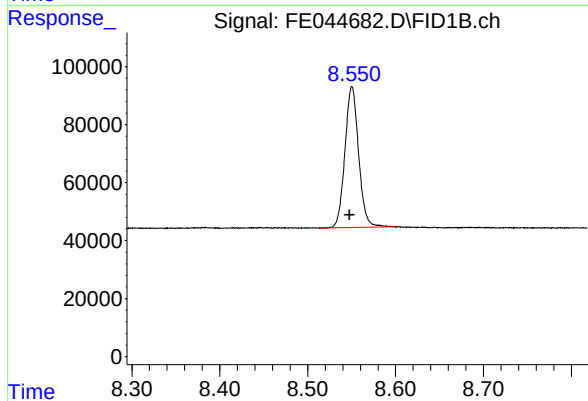
#2 N-DECANE

R.T.: 4.552 min  
Delta R.T.: -0.004 min  
Response: 521547  
Conc: 3.19 ug/ml



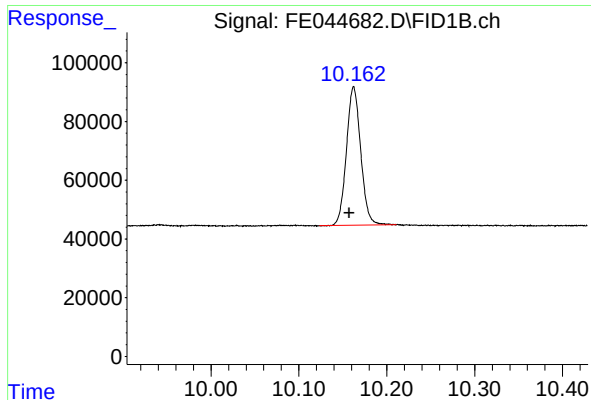
#3 N-DODECANE

R.T.: 6.721 min  
Delta R.T.: 0.000 min  
Response: 515715  
Conc: 3.11 ug/ml



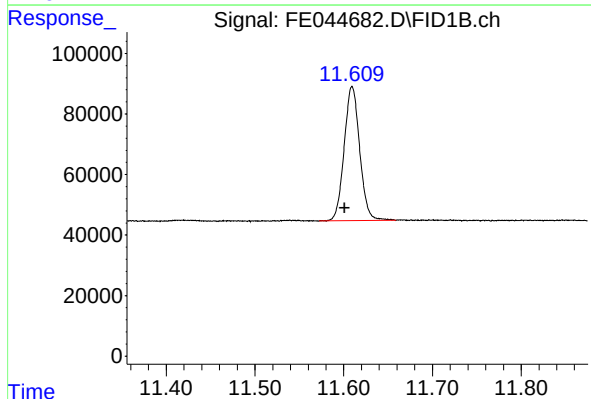
#4 N-TETRADECANE

R.T.: 8.550 min  
Delta R.T.: 0.002 min  
Response: 525262  
Conc: 3.16 ug/ml



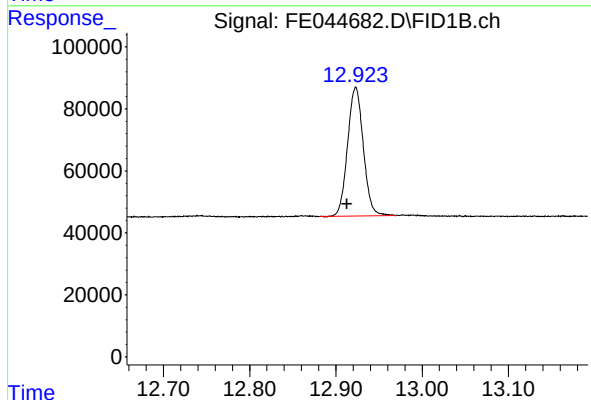
#5 N-HEXADECANE

R.T.: 10.162 min  
Delta R.T.: 0.005 min  
Response: 533307  
Conc: 3.17 ug/ml



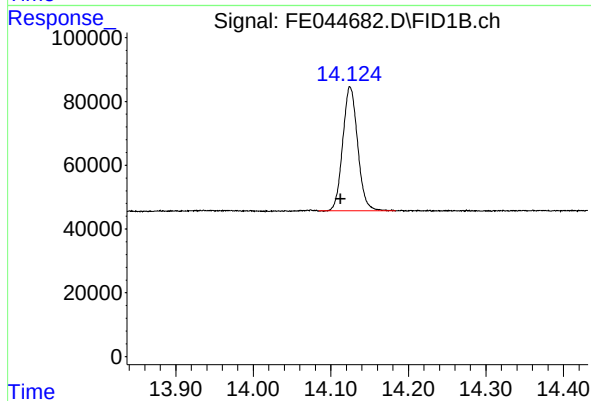
#6 N-OCTADECANE

R.T.: 11.609 min  
Delta R.T.: 0.008 min  
Response: 538912  
Conc: 3.22 ug/ml



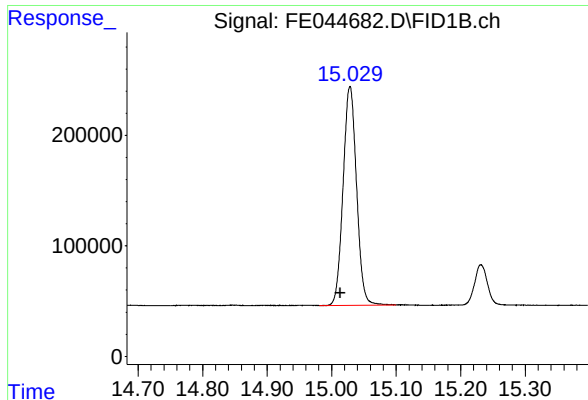
#7 N-EICOSANE

R.T.: 12.923 min  
Delta R.T.: 0.010 min  
Response: 526875  
Conc: 3.21 ug/ml



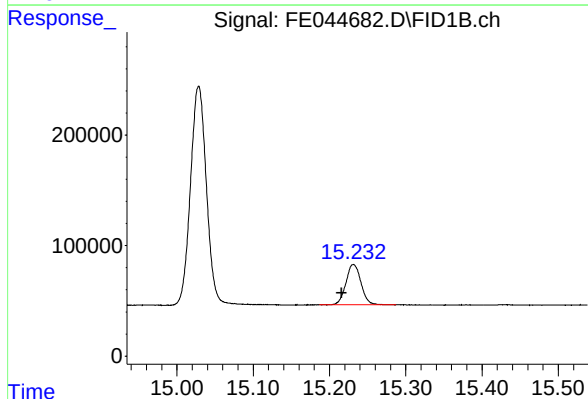
#8 N-DOCOSANE

R.T.: 14.125 min  
Delta R.T.: 0.013 min  
Response: 521166  
Conc: 3.31 ug/ml



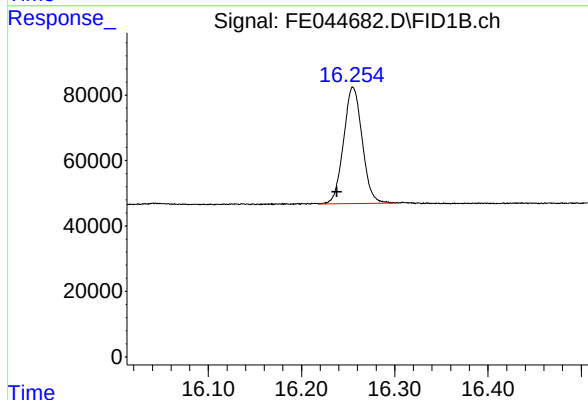
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.028 min  
Delta R.T.: 0.015 min  
Response: 2870842  
Conc: 19.57 ug/ml



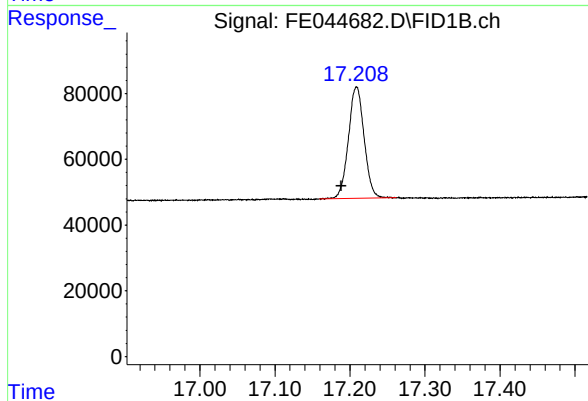
#10 N-TETRACOSANE

R.T.: 15.231 min  
Delta R.T.: 0.015 min  
Response: 502766  
Conc: 3.25 ug/ml



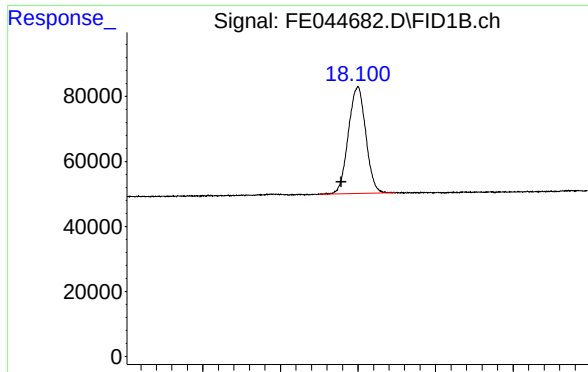
#11 N-HEXACOSANE

R.T.: 16.255 min  
Delta R.T.: 0.017 min  
Response: 491797  
Conc: 3.26 ug/ml



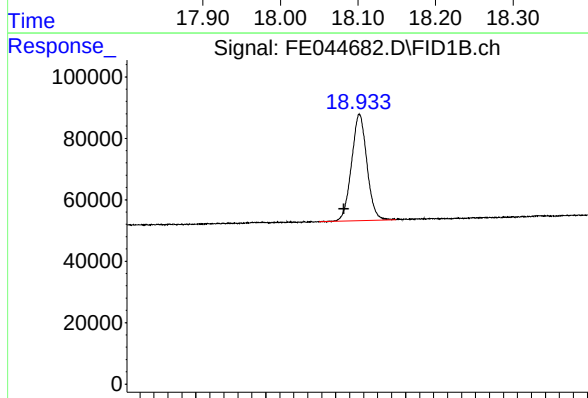
#12 N-OCTACOSANE

R.T.: 17.209 min  
Delta R.T.: 0.020 min  
Response: 493845  
Conc: 3.32 ug/ml



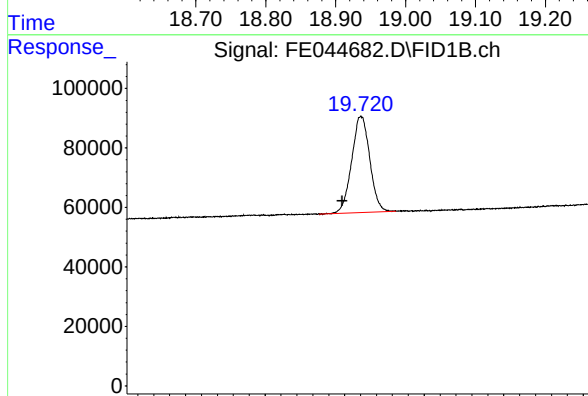
#13 N-TRIACONTANE

R.T.: 18.100 min  
Delta R.T.: 0.022 min  
Response: 513142  
Conc: 3.46 ug/ml



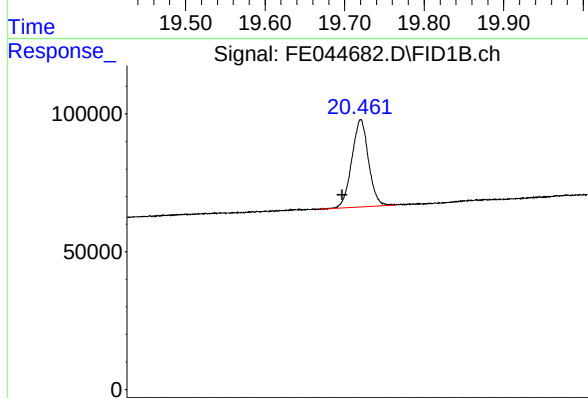
#14 N-DOTRIACONTANE

R.T.: 18.934 min  
Delta R.T.: 0.022 min  
Response: 530970  
Conc: 3.66 ug/ml



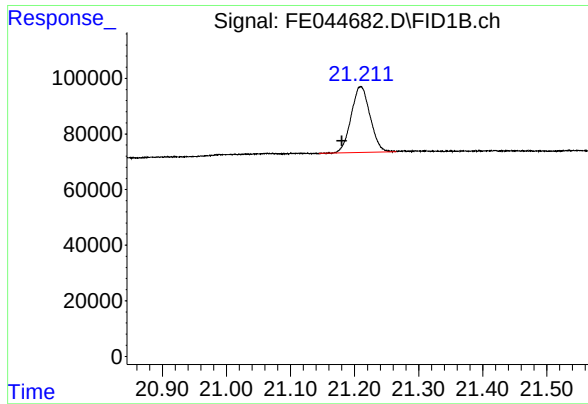
#15 N-TETRATRIACONTANE

R.T.: 19.721 min  
Delta R.T.: 0.023 min  
Response: 510527  
Conc: 3.99 ug/ml



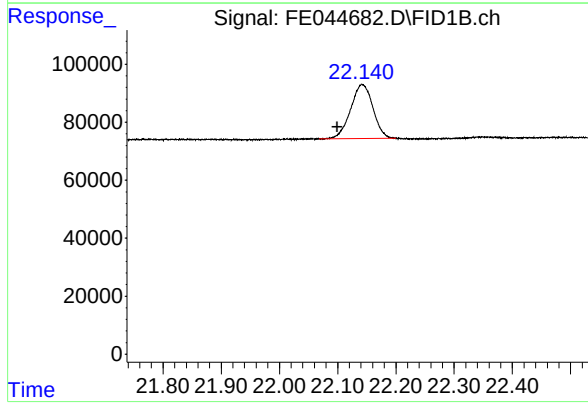
#16 N-HEXATRIACONTANE

R.T.: 20.462 min  
Delta R.T.: 0.024 min  
Response: 493473  
Conc: 4.67 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.209 min  
Delta R.T.: 0.029 min  
Response: 485916  
Conc: 4.88 ug/ml



#18 N-TETRACONTANE

R.T.: 22.142 min  
Delta R.T.: 0.043 min  
Response: 497335  
Conc: 4.87 ug/ml