

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022223\  
 Data File : FE040486.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Feb 2023 12:28  
 Operator : YP\AJ  
 Sample : 01627-10  
 Misc : 1 PPM WATER LOD  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 23 02:23:24 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE022123.M  
 Quant Title :  
 QLast Update : Wed Feb 22 06:24:20 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... | 14.975 | 2607862  | 19.750 ug/ml |
| Target Compounds              |        |          |              |
| 1) N-OCTANE                   | 2.018  | 131755   | 0.949 ug/ml  |
| 2) N-DECANE                   | 4.527  | 111030   | 0.813 ug/ml  |
| 3) N-DODECANE                 | 6.694  | 78956    | 0.567 ug/ml  |
| 4) N-TETRADECANE              | 8.525  | 87331    | 0.610 ug/ml  |
| 5) N-HEXADECANE               | 10.131 | 123029   | 0.829 ug/ml  |
| 6) N-OCTADECANE               | 11.571 | 136877   | 0.903 ug/ml  |
| 7) N-EICOSANE                 | 12.877 | 145387   | 0.956 ug/ml  |
| 8) N-DOCOSANE                 | 14.075 | 157037   | 1.058 ug/ml  |
| 10) N-TETRACOSANE             | 15.178 | 154091   | 1.042 ug/ml  |
| 11) N-HEXACOSANE              | 16.203 | 146638   | 1.013 ug/ml  |
| 12) N-OCTACOSANE              | 17.152 | 148857   | 1.052 ug/ml  |
| 13) N-TRIACONTANE             | 18.040 | 151211   | 1.103 ug/ml  |
| 14) N-DOTRIACONTANE           | 18.872 | 145663   | 1.122 ug/ml  |
| 15) N-TETRATRIACONTANE        | 19.657 | 130646   | 1.089 ug/ml  |
| 16) N-HEXATRIACONTANE         | 20.398 | 123349   | 1.046 ug/ml  |
| 17) N-OCTATRIACONTANE         | 21.128 | 114749   | 1.043 ug/ml  |
| 18) N-TETRACONTANE            | 22.021 | 116750   | 1.044 ug/ml  |
| -----                         |        |          |              |

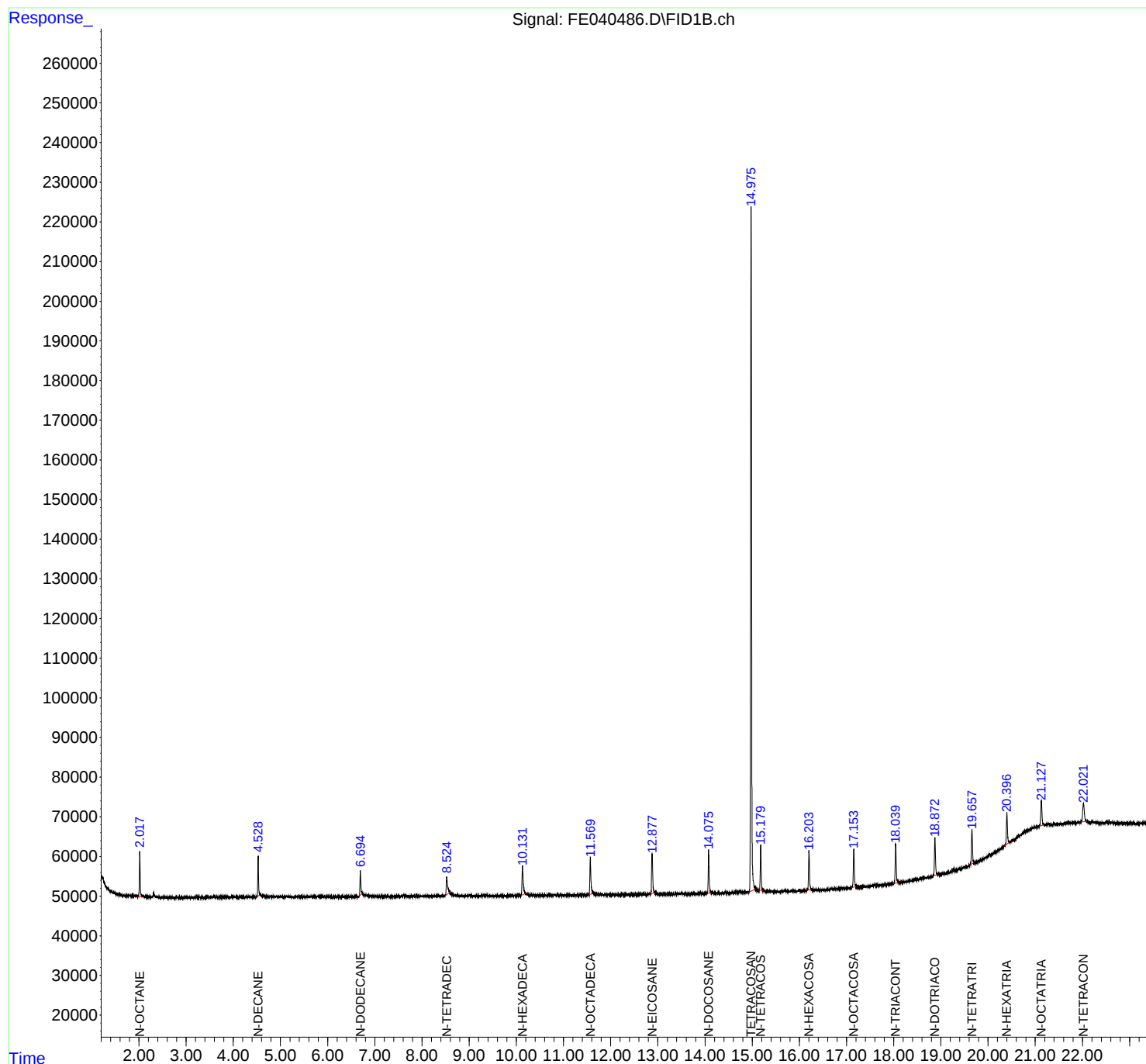
(f)=RT Delta > 1/2 Window

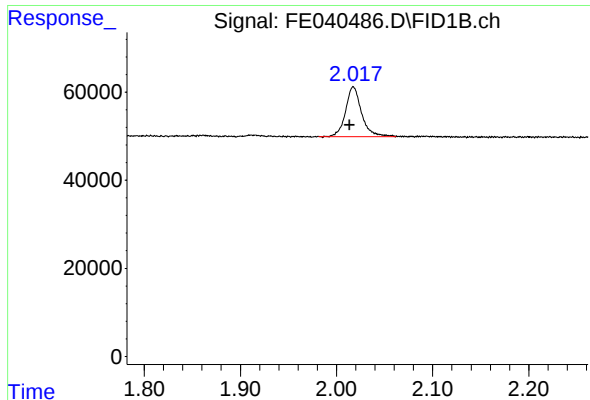
(m)=manual int.

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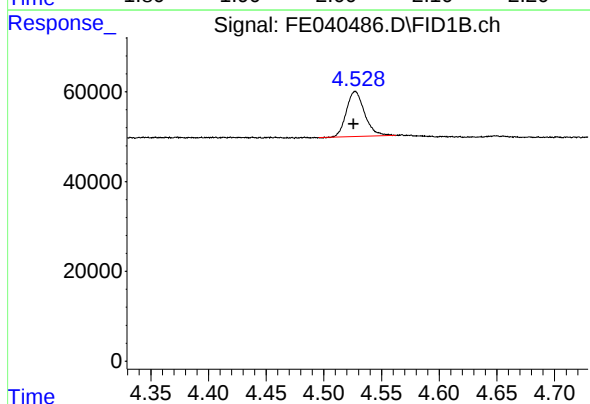
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Signal Info : 20mx0.18mmx0.18um





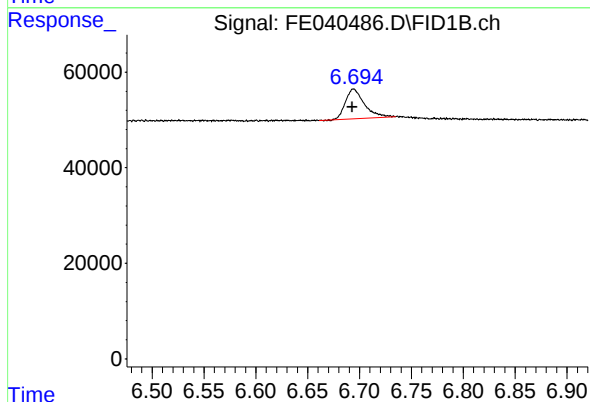
#1 N-OCTANE

R.T.: 2.018 min  
Delta R.T.: 0.004 min  
Response: 131755  
Conc: 0.95 ug/ml



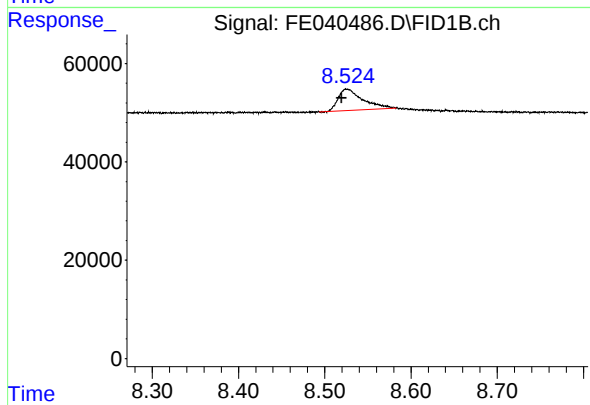
#2 N-DECANE

R.T.: 4.527 min  
Delta R.T.: 0.001 min  
Response: 111030  
Conc: 0.81 ug/ml



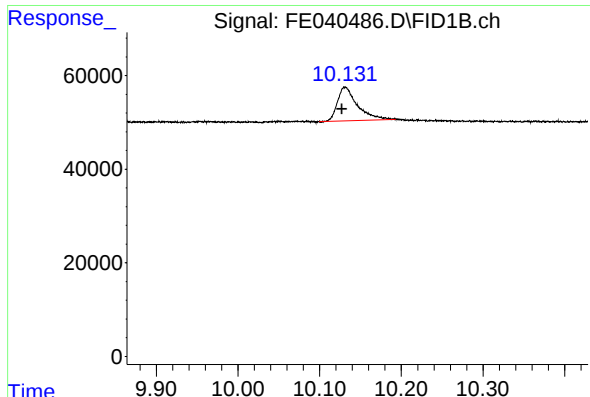
#3 N-DODECANE

R.T.: 6.694 min  
Delta R.T.: 0.001 min  
Response: 78956  
Conc: 0.57 ug/ml



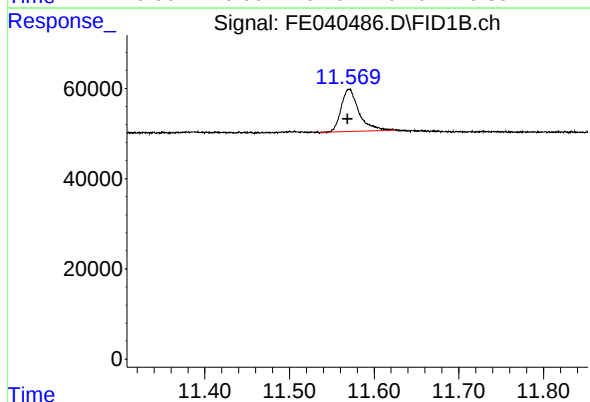
#4 N-TETRADECANE

R.T.: 8.525 min  
Delta R.T.: 0.006 min  
Response: 87331  
Conc: 0.61 ug/ml



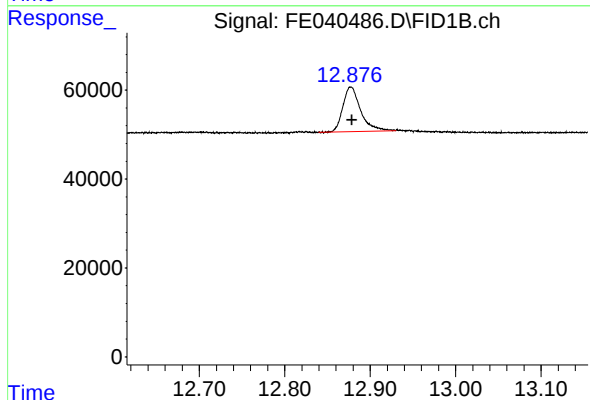
#5 N-HEXADECANE

R.T.: 10.131 min  
Delta R.T.: 0.004 min  
Response: 123029  
Conc: 0.83 ug/ml



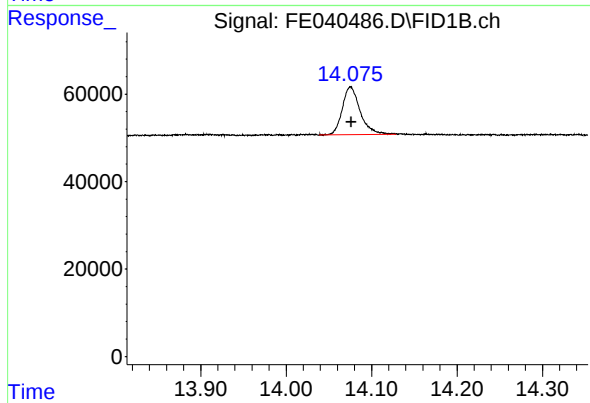
#6 N-OCTADECANE

R.T.: 11.571 min  
Delta R.T.: 0.002 min  
Response: 136877  
Conc: 0.90 ug/ml



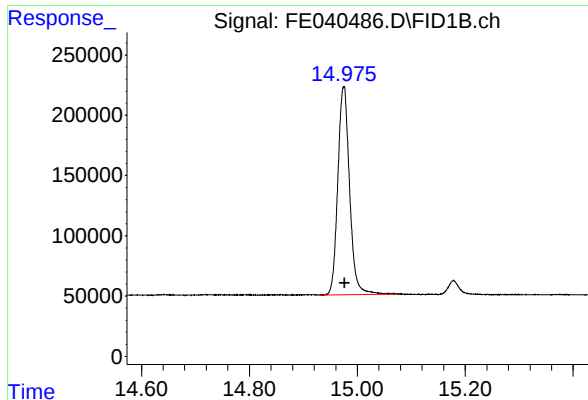
#7 N-EICOSANE

R.T.: 12.877 min  
Delta R.T.: -0.001 min  
Response: 145387  
Conc: 0.96 ug/ml



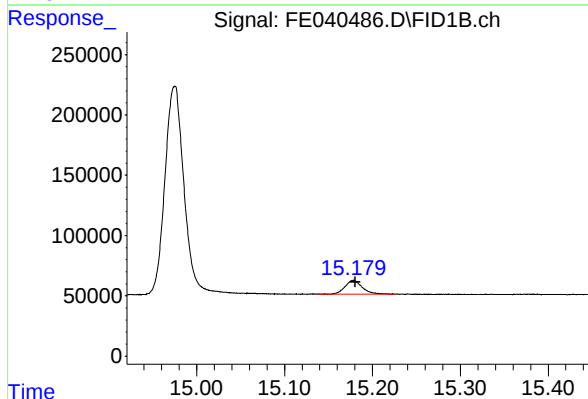
#8 N-DOCOSANE

R.T.: 14.075 min  
Delta R.T.: -0.001 min  
Response: 157037  
Conc: 1.06 ug/ml



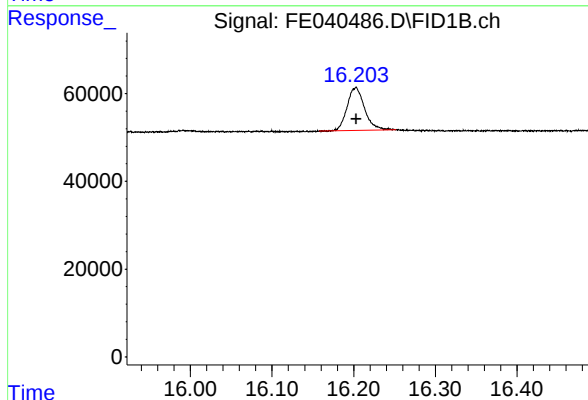
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.975 min  
Delta R.T.: -0.002 min  
Response: 2607862  
Conc: 19.75 ug/ml



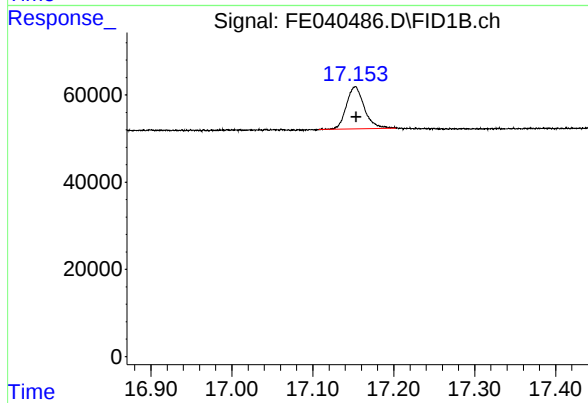
#10 N-TETRACOSANE

R.T.: 15.178 min  
Delta R.T.: -0.002 min  
Response: 154091  
Conc: 1.04 ug/ml



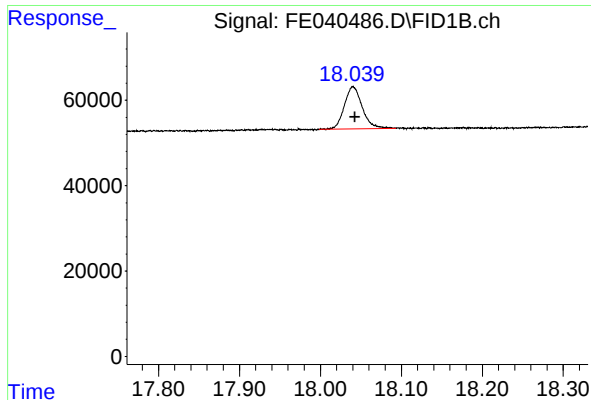
#11 N-HEXACOSANE

R.T.: 16.203 min  
Delta R.T.: 0.000 min  
Response: 146638  
Conc: 1.01 ug/ml



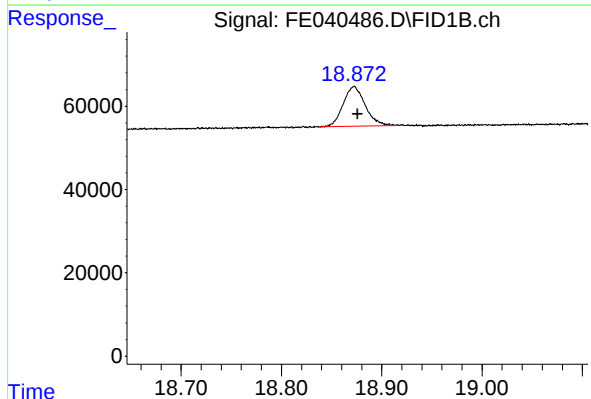
#12 N-OCTACOSANE

R.T.: 17.152 min  
Delta R.T.: -0.001 min  
Response: 148857  
Conc: 1.05 ug/ml



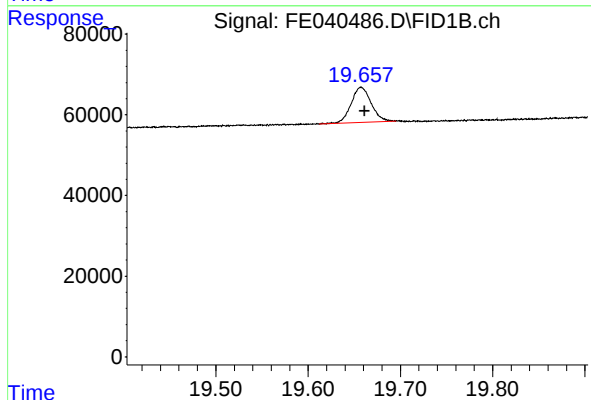
#13 N-TRIACONTANE

R.T.: 18.040 min  
Delta R.T.: -0.002 min  
Response: 151211  
Conc: 1.10 ug/ml



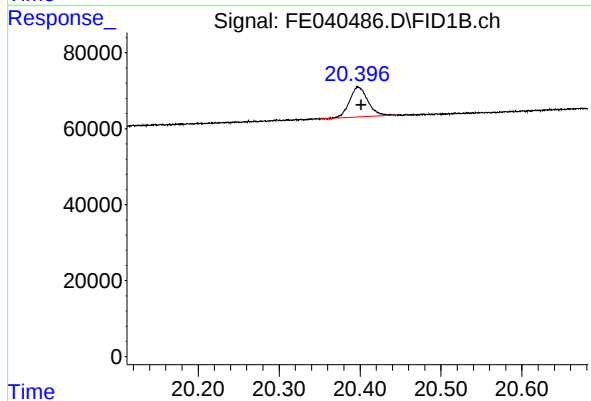
#14 N-DOTRIACONTANE

R.T.: 18.872 min  
Delta R.T.: -0.003 min  
Response: 145663  
Conc: 1.12 ug/ml



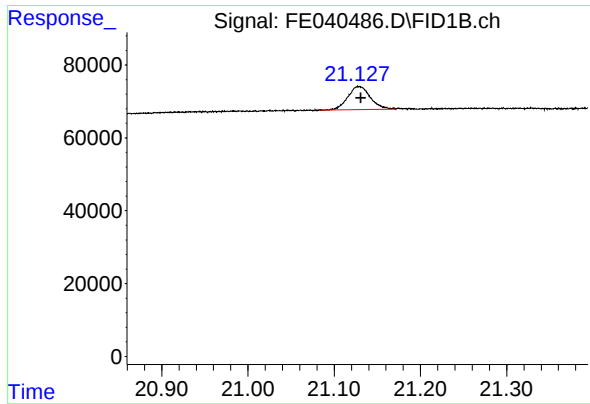
#15 N-TETRATRIACONTANE

R.T.: 19.657 min  
Delta R.T.: -0.004 min  
Response: 130646  
Conc: 1.09 ug/ml



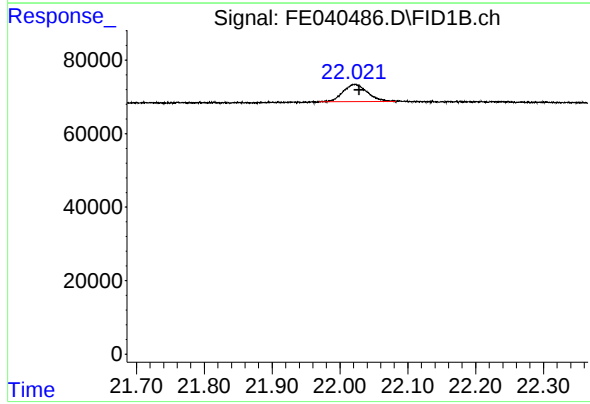
#16 N-HEXATRIACONTANE

R.T.: 20.398 min  
Delta R.T.: -0.004 min  
Response: 123349  
Conc: 1.05 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.128 min  
Delta R.T.: -0.003 min  
Response: 114749  
Conc: 1.04 ug/ml



#18 N-TETRACONTANE

R.T.: 22.021 min  
Delta R.T.: -0.008 min  
Response: 116750  
Conc: 1.04 ug/ml