

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623\
 Data File : FE044679.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2023 07:43
 Operator : YP\AJ
 Sample : 04699-04
 Misc : 2.5PPM SOIL LOD
 ALS Vial : 46 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 00:18:15 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	2531838	17.257 ug/ml
Target Compounds			
1) N-OCTANE	2.024	400514	2.470 ug/ml
2) N-DECANE	4.551	455422	2.782 ug/ml
3) N-DODECANE	6.721	450601	2.719 ug/ml
4) N-TETRADECANE	8.550	462427	2.784 ug/ml
5) N-HEXADECANE	10.162	469394	2.787 ug/ml
6) N-OCTADECANE	11.610	476742	2.852 ug/ml
7) N-EICOSANE	12.923	468891	2.860 ug/ml
8) N-DOCOSANE	14.125	456951	2.905 ug/ml
10) N-TETRACOSANE	15.232	443188	2.862 ug/ml
11) N-HEXACOSANE	16.254	436537	2.895 ug/ml
12) N-OCTACOSANE	17.208	443659	2.987 ug/ml
13) N-TRIACONTANE	18.098	473178	3.190 ug/ml
14) N-DOTRIACONTANE	18.932	500872	3.457 ug/ml
15) N-TETRATRIACONTANE	19.719	470955	3.682 ug/ml
16) N-HEXATRIACONTANE	20.461	445919	4.222 ug/ml
17) N-OCTATRIACONTANE	21.209	435873	4.381 ug/ml
18) N-TETRACONTANE	22.140	441016	4.318 ug/ml

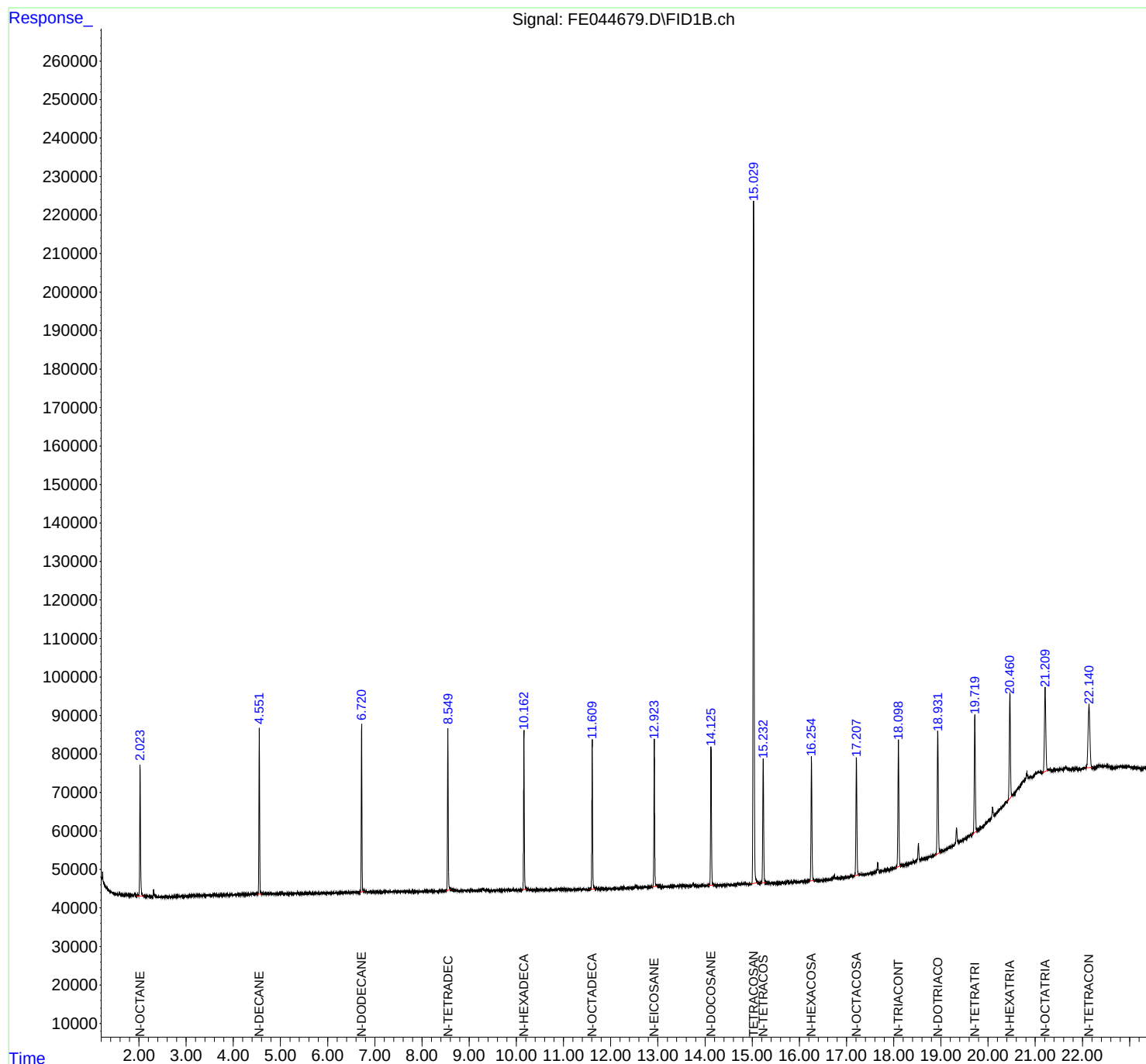
(f)=RT Delta > 1/2 Window

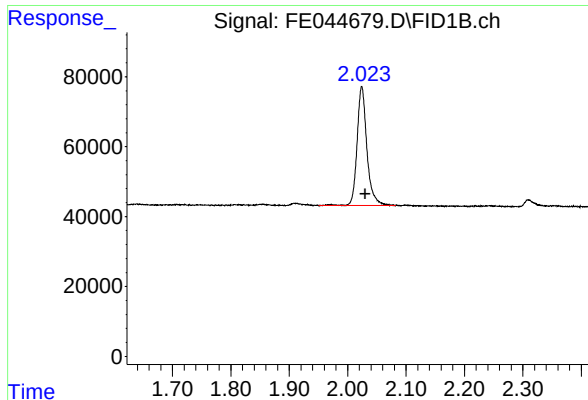
(m)=manual int.

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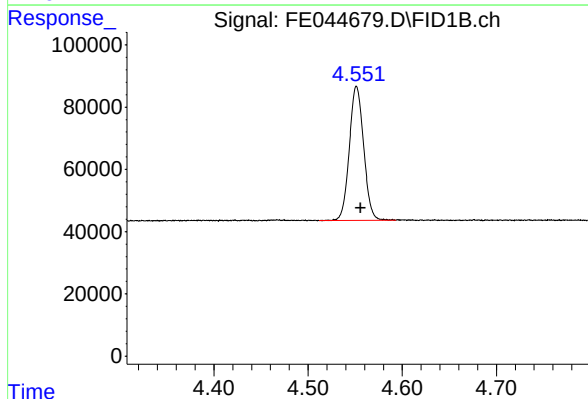
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





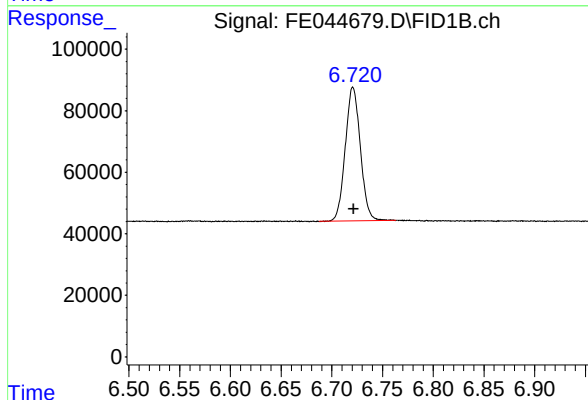
#1 N-OCTANE

R.T.: 2.024 min
Delta R.T.: -0.006 min
Response: 400514
Conc: 2.47 ug/ml



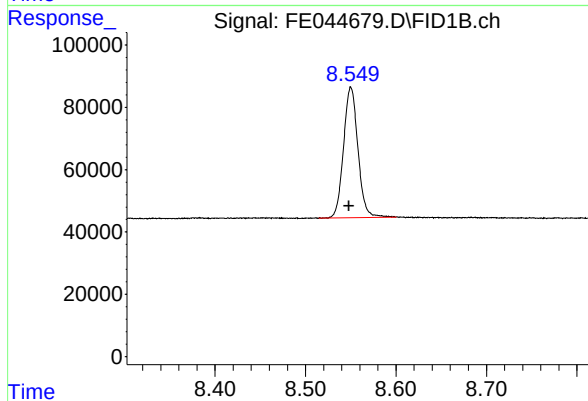
#2 N-DECANE

R.T.: 4.551 min
Delta R.T.: -0.004 min
Response: 455422
Conc: 2.78 ug/ml



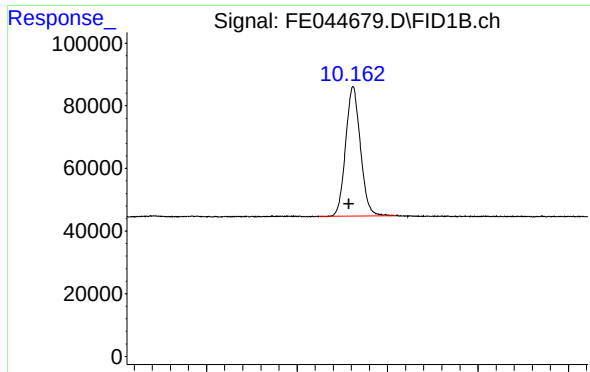
#3 N-DODECANE

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 450601
Conc: 2.72 ug/ml



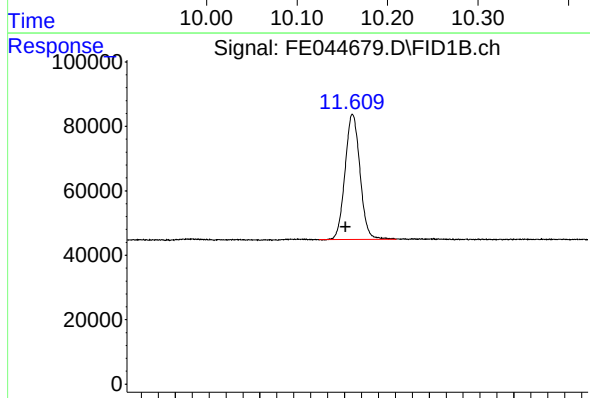
#4 N-TETRADECANE

R.T.: 8.550 min
Delta R.T.: 0.002 min
Response: 462427
Conc: 2.78 ug/ml



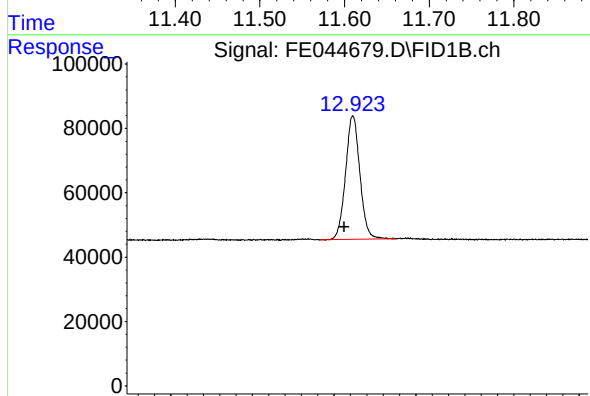
#5 N-HEXADECANE

R.T.: 10.162 min
Delta R.T.: 0.005 min
Response: 469394
Conc: 2.79 ug/ml



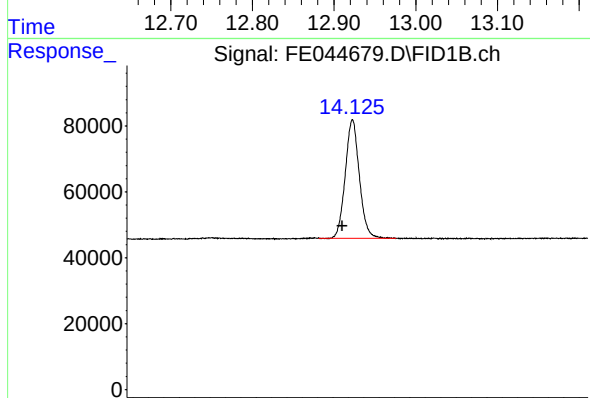
#6 N-OCTADECANE

R.T.: 11.610 min
Delta R.T.: 0.008 min
Response: 476742
Conc: 2.85 ug/ml



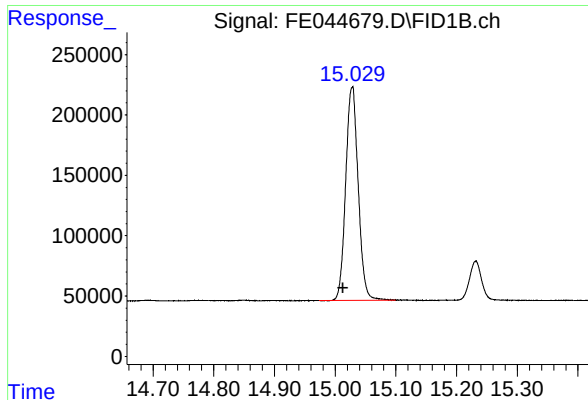
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: 0.010 min
Response: 468891
Conc: 2.86 ug/ml



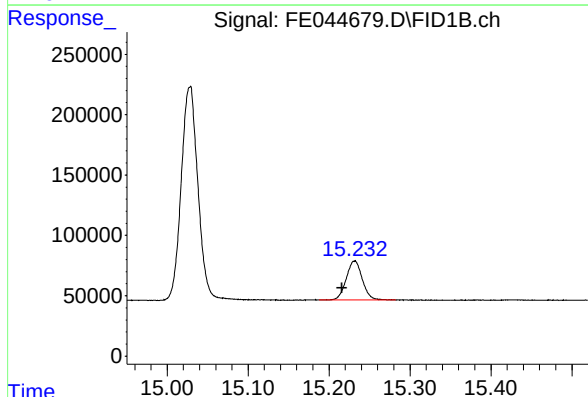
#8 N-DOCOSANE

R.T.: 14.125 min
Delta R.T.: 0.013 min
Response: 456951
Conc: 2.90 ug/ml



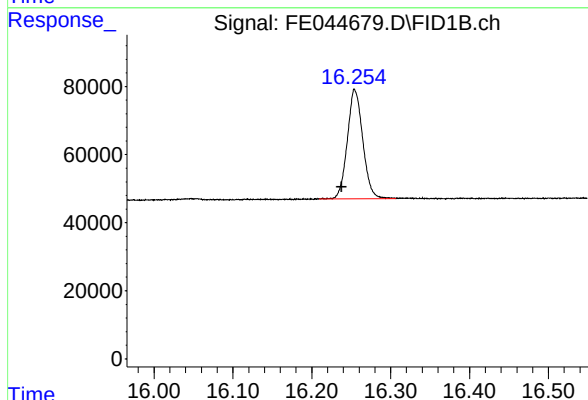
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.028 min
Delta R.T.: 0.015 min
Response: 2531838
Conc: 17.26 ug/ml



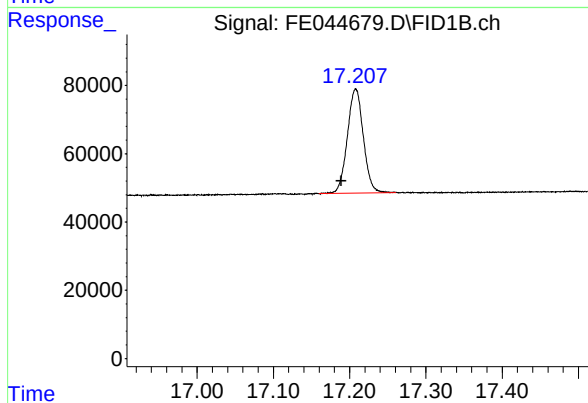
#10 N-TETRACOSANE

R.T.: 15.232 min
Delta R.T.: 0.015 min
Response: 443188
Conc: 2.86 ug/ml



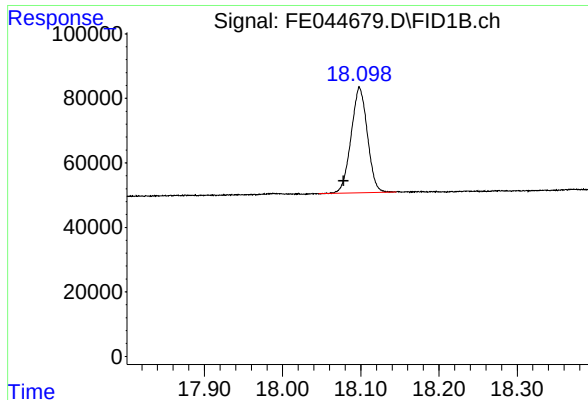
#11 N-HEXACOSANE

R.T.: 16.254 min
Delta R.T.: 0.016 min
Response: 436537
Conc: 2.90 ug/ml



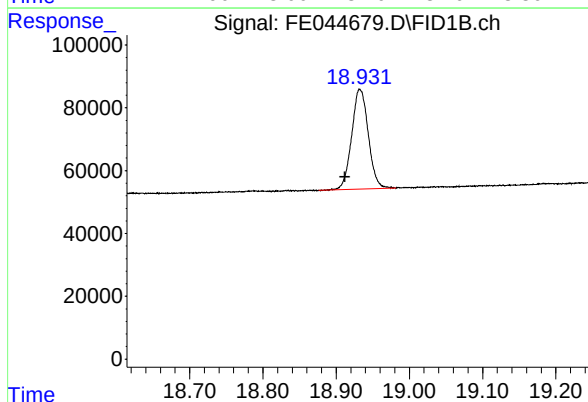
#12 N-OCTACOSANE

R.T.: 17.208 min
Delta R.T.: 0.019 min
Response: 443659
Conc: 2.99 ug/ml



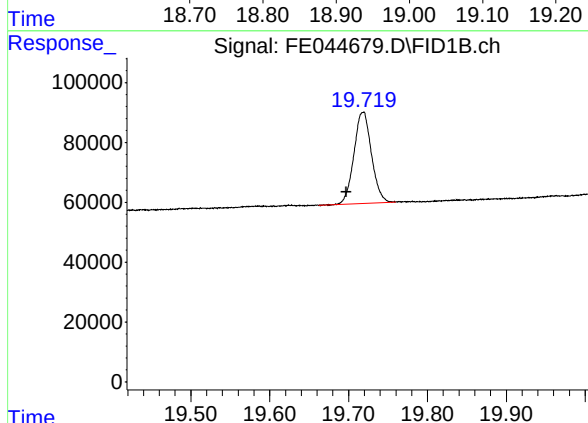
#13 N-TRIACONTANE

R.T.: 18.098 min
Delta R.T.: 0.020 min
Response: 473178
Conc: 3.19 ug/ml



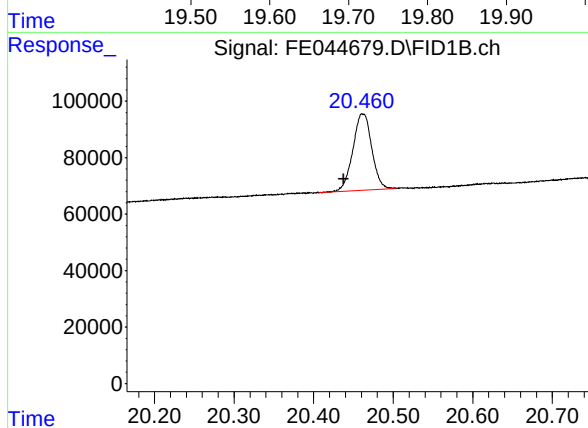
#14 N-DOTRIACONTANE

R.T.: 18.932 min
Delta R.T.: 0.020 min
Response: 500872
Conc: 3.46 ug/ml



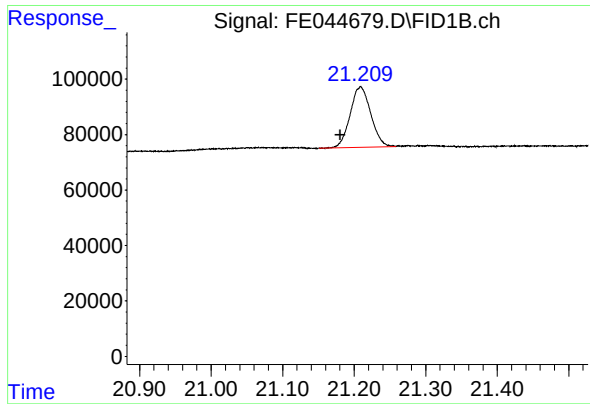
#15 N-TETRATRIACONTANE

R.T.: 19.719 min
Delta R.T.: 0.021 min
Response: 470955
Conc: 3.68 ug/ml



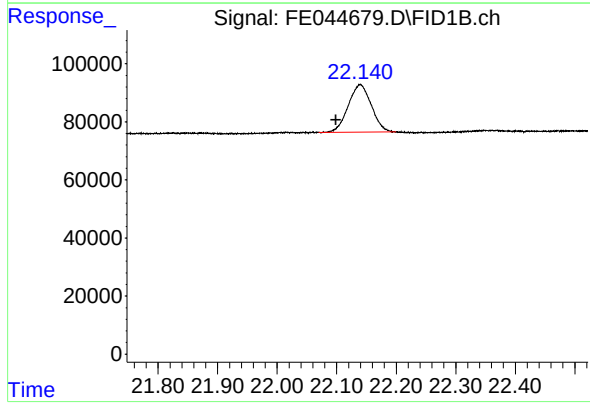
#16 N-HEXATRIACONTANE

R.T.: 20.461 min
Delta R.T.: 0.024 min
Response: 445919
Conc: 4.22 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.209 min
Delta R.T.: 0.029 min
Response: 435873
Conc: 4.38 ug/ml



#18 N-TETRACONTANE

R.T.: 22.140 min
Delta R.T.: 0.041 min
Response: 441016
Conc: 4.32 ug/ml