

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022223\
 Data File : FE040497.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2023 18:07
 Operator : YP\AJ
 Sample : 01627-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 02:24:47 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	2401280	18.185 ug/ml
Target Compounds			
1) N-OCTANE	2.013	306556	2.208 ug/ml
2) N-DECANE	4.525	289176	2.117 ug/ml
3) N-DODECANE	6.693	266687	1.914 ug/ml
4) N-TETRADECANE	8.521	301347	2.106 ug/ml
5) N-HEXADECANE	10.128	336591	2.268 ug/ml
6) N-OCTADECANE	11.568	357239	2.356 ug/ml
7) N-EICOSANE	12.876	365685	2.404 ug/ml
8) N-DOCOSANE	14.074	369438	2.490 ug/ml
10) N-TETRACOSANE	15.178	367192	2.483 ug/ml
11) N-HEXACOSANE	16.200	355223	2.454 ug/ml
12) N-OCTACOSANE	17.150	356666	2.520 ug/ml
13) N-TRIACONTANE	18.038	366861	2.675 ug/ml
14) N-DOTRIACONTANE	18.872	360440	2.776 ug/ml
15) N-TETRATRIACONTANE	19.656	322527	2.688 ug/ml
16) N-HEXATRIACONTANE	20.397	272982	2.315 ug/ml
17) N-OCTATRIACONTANE	21.129	257410	2.341 ug/ml
18) N-TETRACONTANE	22.023	247620	2.214 ug/ml

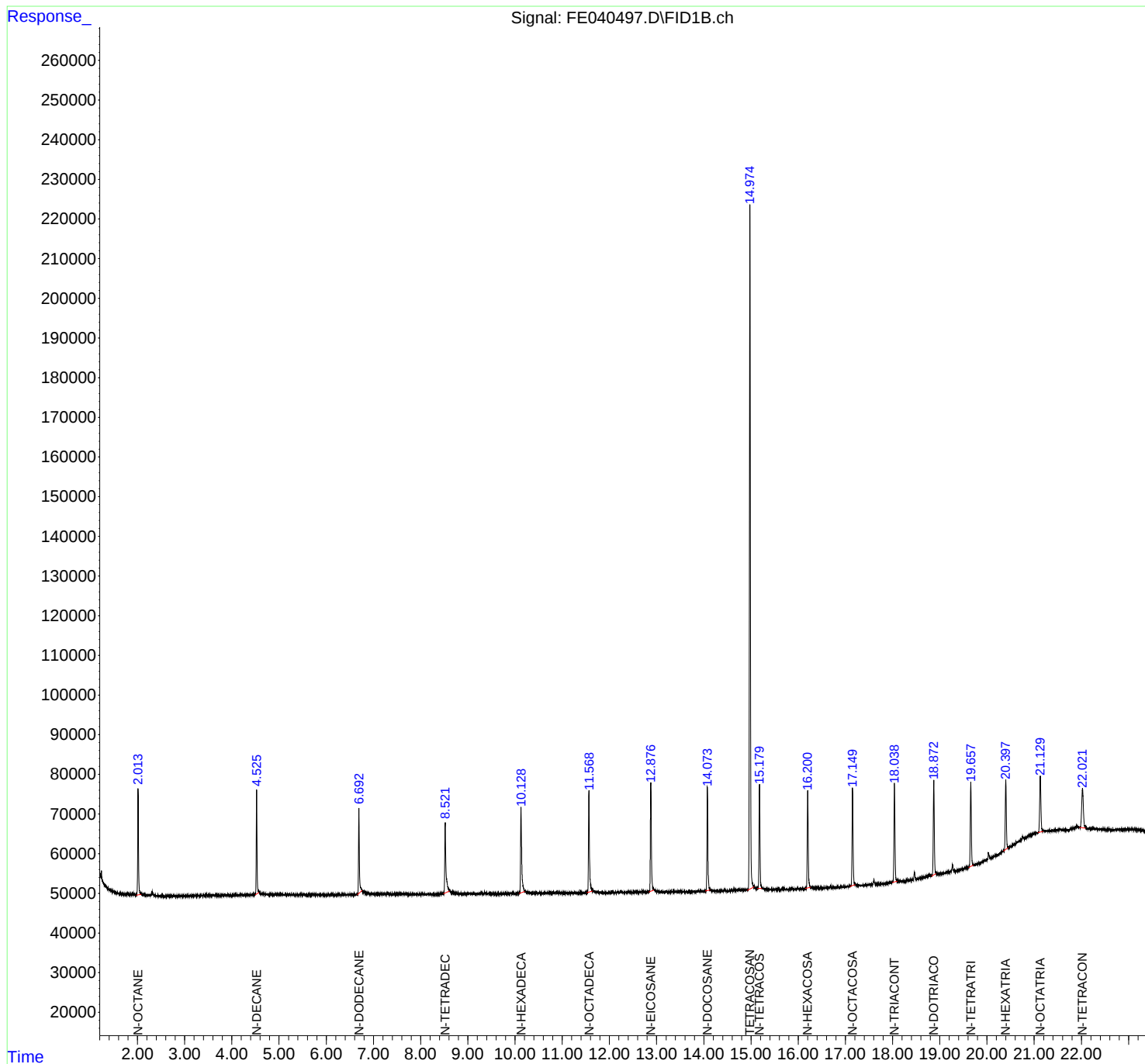
(f)=RT Delta > 1/2 Window

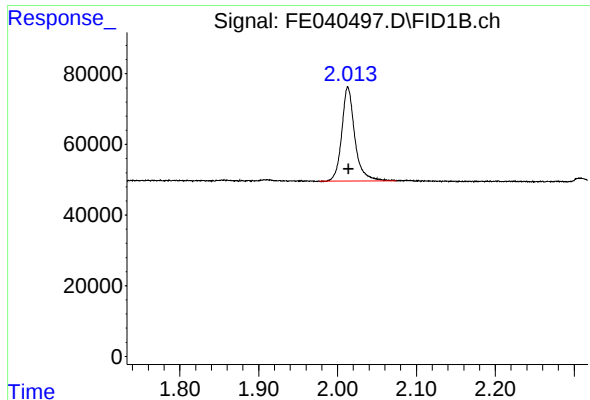
(m)=manual int.

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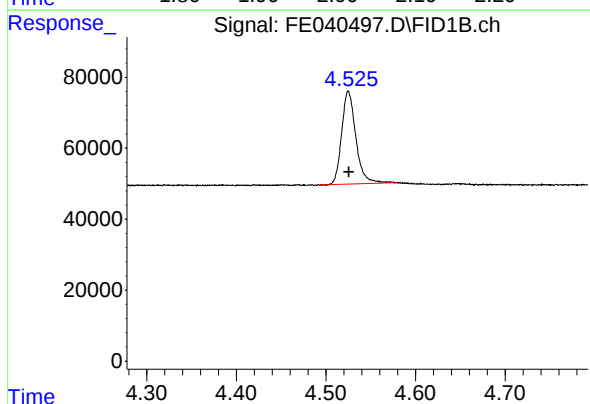
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





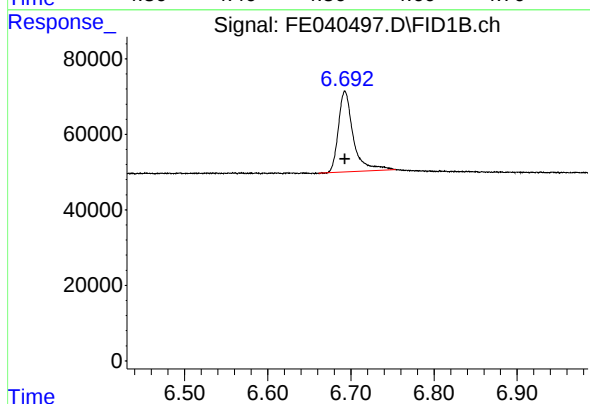
#1 N-OCTANE

R.T.: 2.013 min
Delta R.T.: 0.000 min
Response: 306556
Conc: 2.21 ug/ml



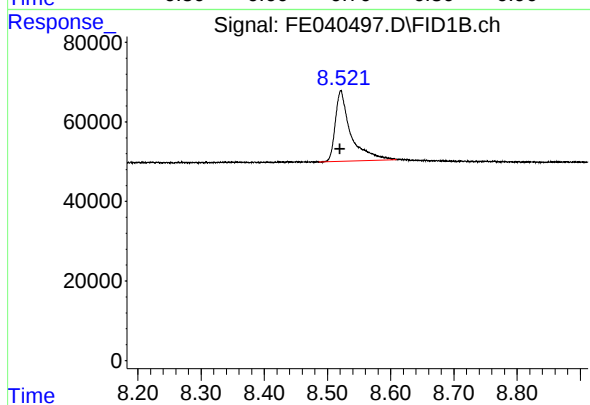
#2 N-DECANE

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 289176
Conc: 2.12 ug/ml



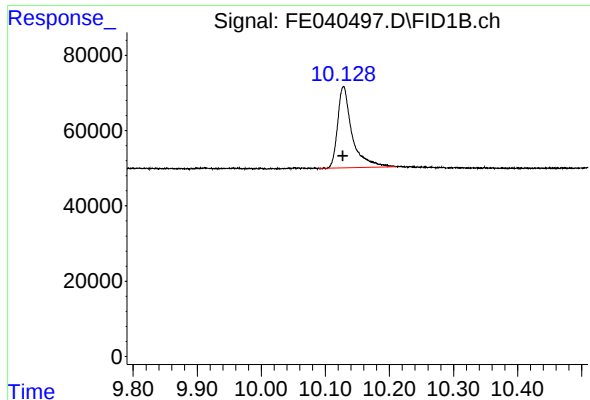
#3 N-DODECANE

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 266687
Conc: 1.91 ug/ml



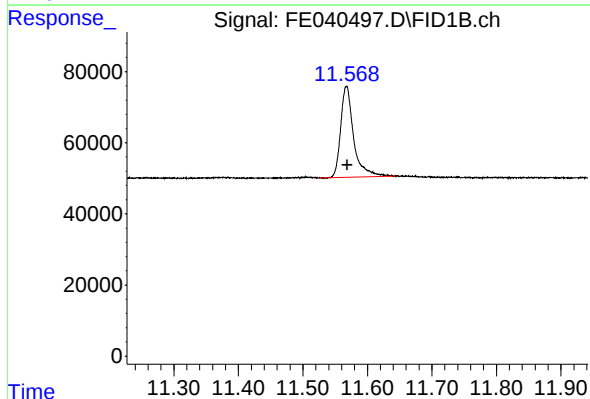
#4 N-TETRADECANE

R.T.: 8.521 min
Delta R.T.: 0.001 min
Response: 301347
Conc: 2.11 ug/ml



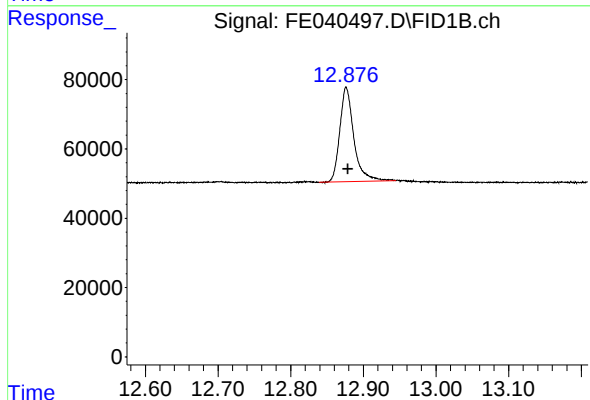
#5 N-HEXADECANE

R.T.: 10.128 min
Delta R.T.: 0.000 min
Response: 336591
Conc: 2.27 ug/ml



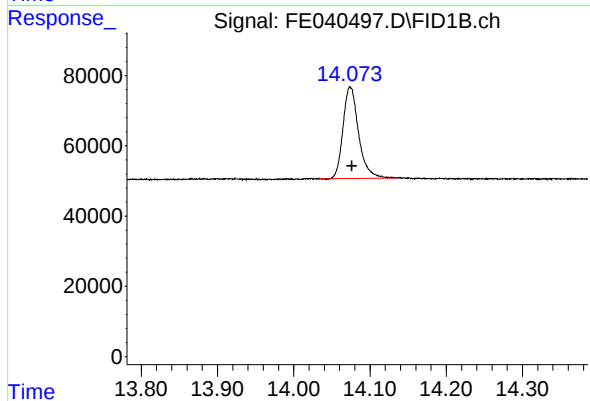
#6 N-OCTADECANE

R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 357239
Conc: 2.36 ug/ml



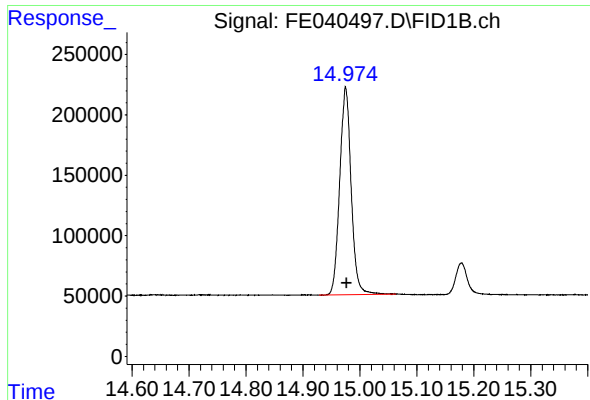
#7 N-EICOSANE

R.T.: 12.876 min
Delta R.T.: -0.003 min
Response: 365685
Conc: 2.40 ug/ml



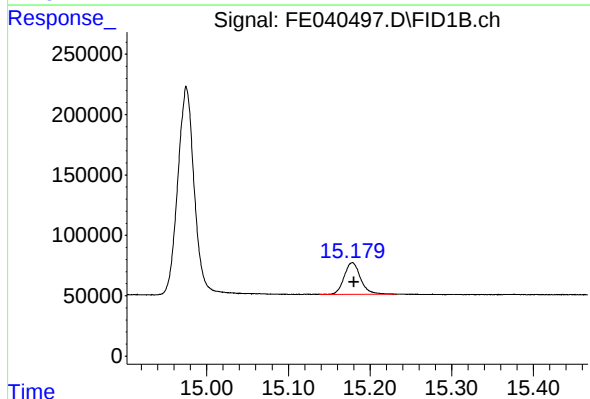
#8 N-DOCOSANE

R.T.: 14.074 min
Delta R.T.: -0.002 min
Response: 369438
Conc: 2.49 ug/ml



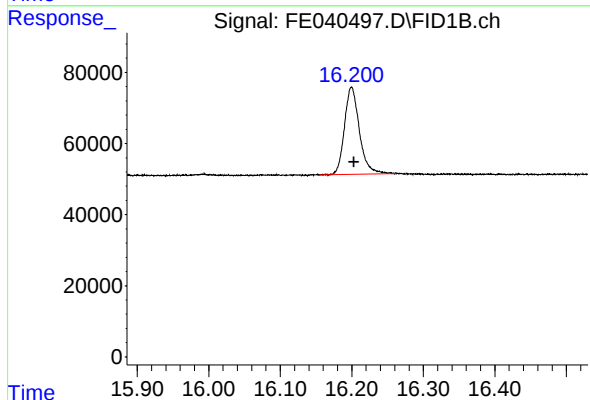
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.975 min
Delta R.T.: -0.002 min
Response: 2401280
Conc: 18.19 ug/ml



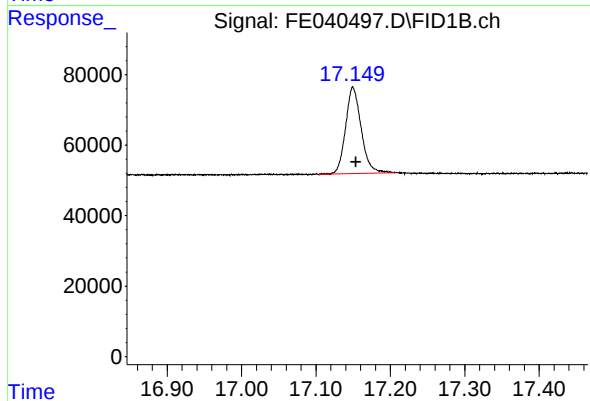
#10 N-TETRACOSANE

R.T.: 15.178 min
Delta R.T.: -0.002 min
Response: 367192
Conc: 2.48 ug/ml



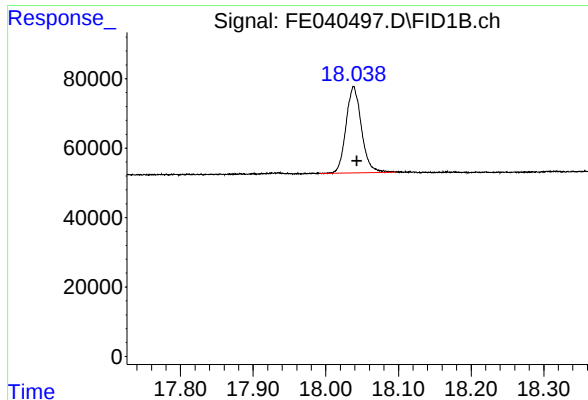
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.003 min
Response: 355223
Conc: 2.45 ug/ml



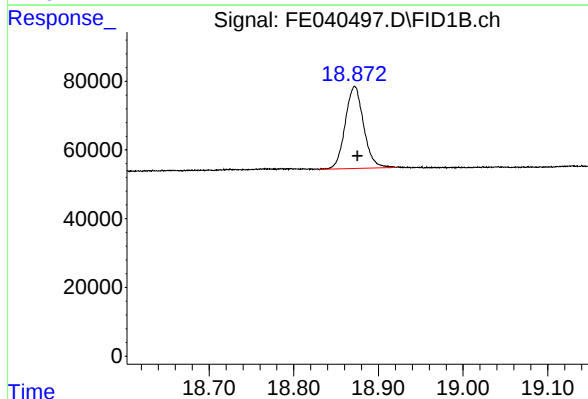
#12 N-OCTACOSANE

R.T.: 17.150 min
Delta R.T.: -0.004 min
Response: 356666
Conc: 2.52 ug/ml



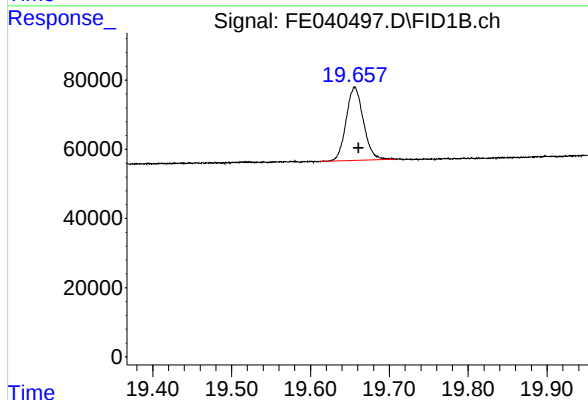
#13 N-TRIACONTANE

R.T.: 18.038 min
Delta R.T.: -0.004 min
Response: 366861
Conc: 2.68 ug/ml



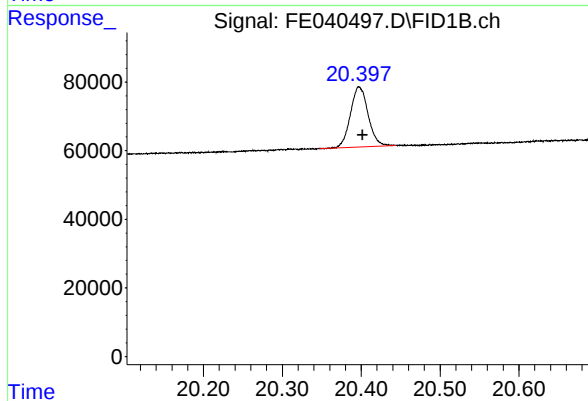
#14 N-DOTRIACONTANE

R.T.: 18.872 min
Delta R.T.: -0.004 min
Response: 360440
Conc: 2.78 ug/ml



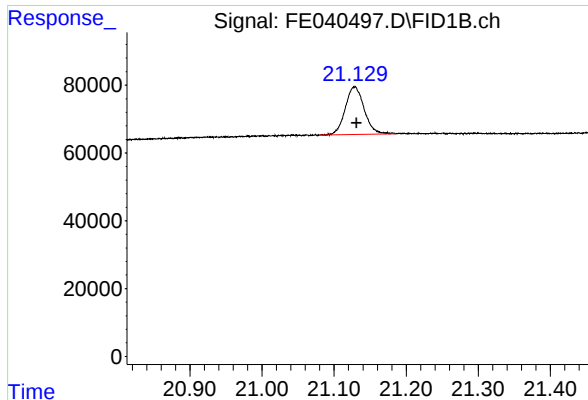
#15 N-TETRATRIACONTANE

R.T.: 19.656 min
Delta R.T.: -0.005 min
Response: 322527
Conc: 2.69 ug/ml



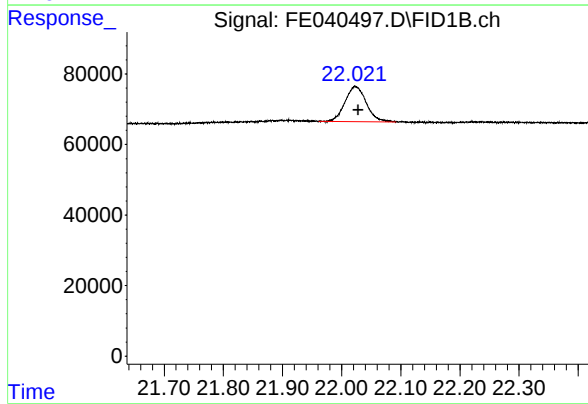
#16 N-HEXATRIACONTANE

R.T.: 20.397 min
Delta R.T.: -0.004 min
Response: 272982
Conc: 2.31 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.129 min
Delta R.T.: -0.002 min
Response: 257410
Conc: 2.34 ug/ml



#18 N-TETRACONTANE

R.T.: 22.023 min
Delta R.T.: -0.006 min
Response: 247620
Conc: 2.21 ug/ml