

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425\
 Data File : FE052065.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 22:57
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 2.5 PPB WATER LOD
 ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:50:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 2025
 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...	15.250	1786513	17.937 ug/ml
Target Compounds				
1)	N-OCTANE	2.409	190328	2.232 ug/ml
2)	N-DECANE	4.903	218849	2.392 ug/ml
3)	N-DODECANE	7.031	232332	2.325 ug/ml
4)	N-TETRADECANE	8.836	242067	2.379 ug/ml
5)	N-HEXADECANE	10.428	257848	2.420 ug/ml
6)	N-OCTADECANE	11.861	267365	2.385 ug/ml
7)	N-EICOSANE	13.163	274755	2.467 ug/ml
8)	N-DOCOSANE	14.354	267748	2.411 ug/ml
10)	N-TETRACOSANE	15.451	267374	2.417 ug/ml
11)	N-HEXACOSANE	16.468	264320	2.425 ug/ml
12)	N-OCTACOSANE	17.414	269727	2.499 ug/ml
13)	N-TRIACONTANE	18.299	285155	2.658 ug/ml
14)	N-DOTRIACONTANE	19.130	283140	2.712 ug/ml
15)	N-TETRATRIACONTANE	19.911	256036	2.727 ug/ml
16)	N-HEXATRIACONTANE	20.649	218181	2.702 ug/ml
17)	N-OCTATRIACONTANE	21.432	191298	2.564 ug/ml
18)	N-TETRACONTANE	22.429	172307	2.340 ug/ml

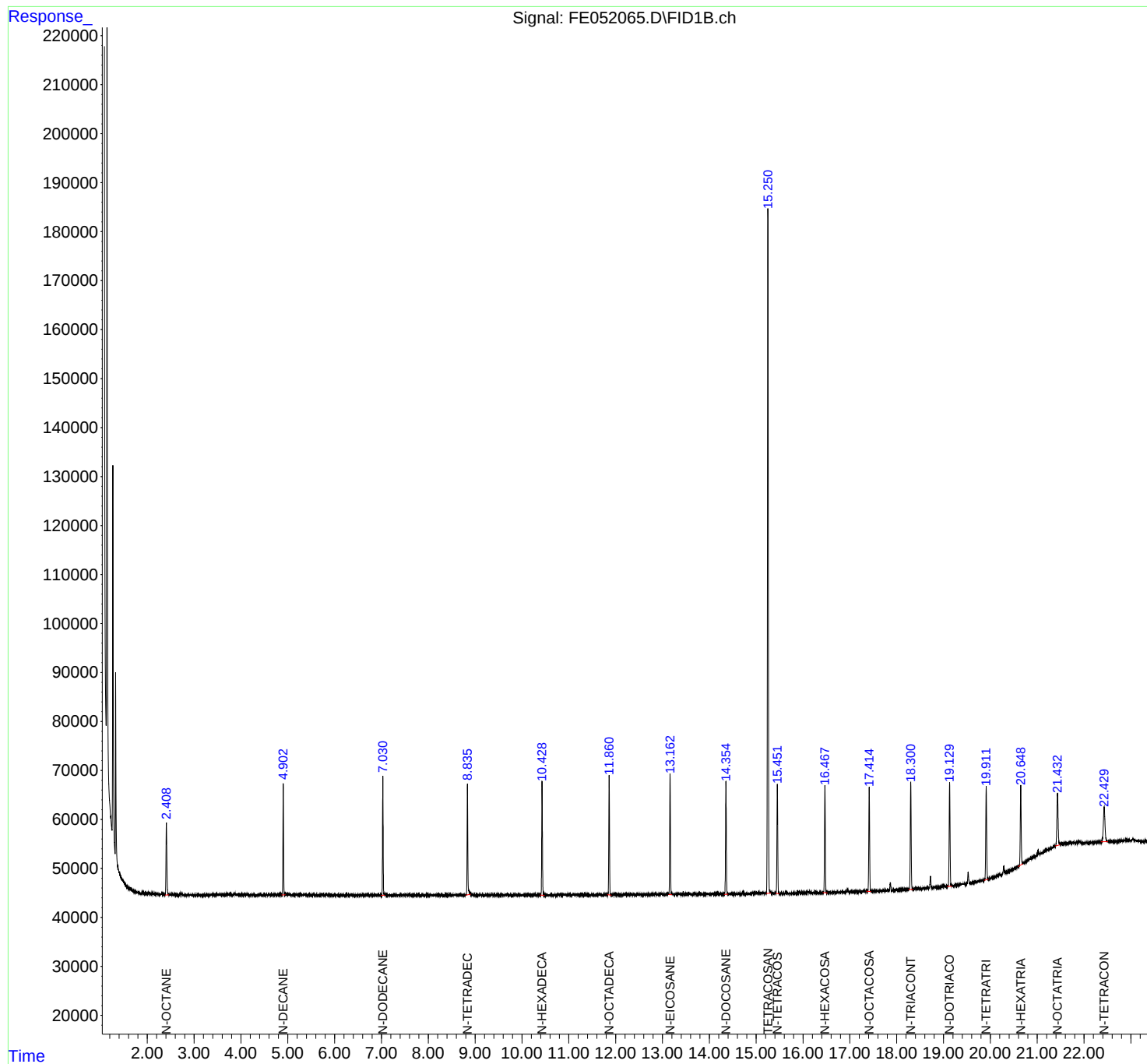
(f)=RT Delta > 1/2 Window

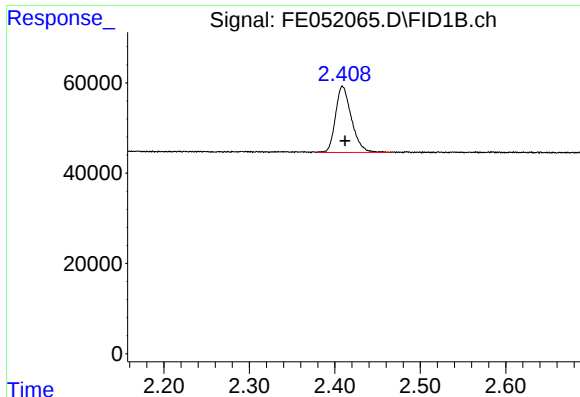
(m)=manual int.

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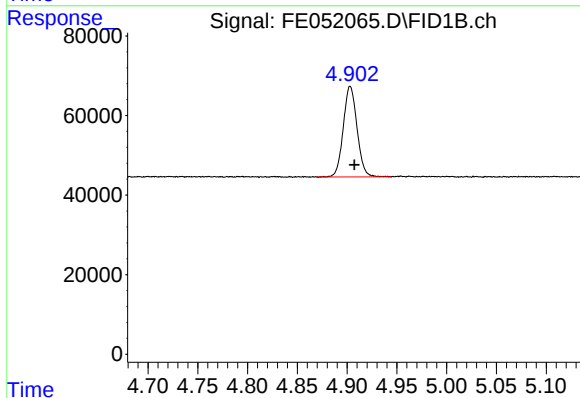
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





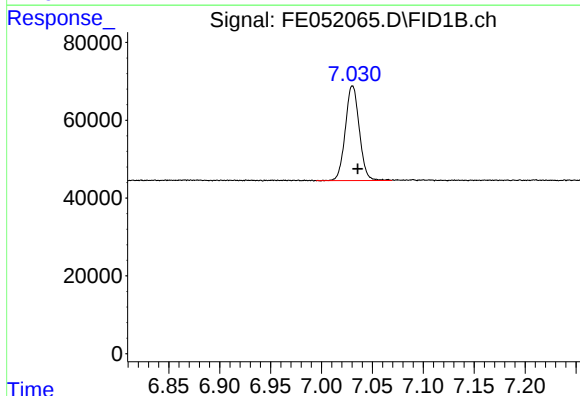
#1 N-OCTANE

R.T.: 2.409 min
Delta R.T.: -0.003 min
Response: 190328
Conc: 2.23 ug/ml



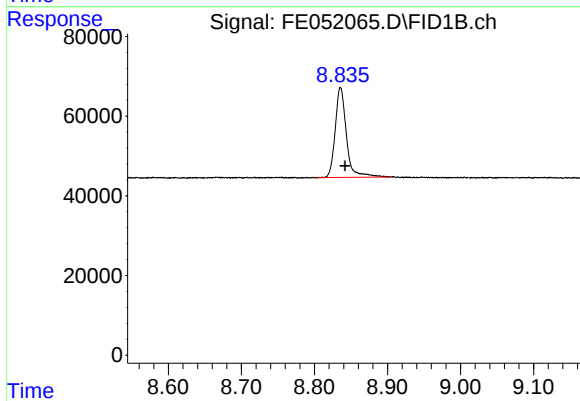
#2 N-DECANE

R.T.: 4.903 min
Delta R.T.: -0.004 min
Response: 218849
Conc: 2.39 ug/ml



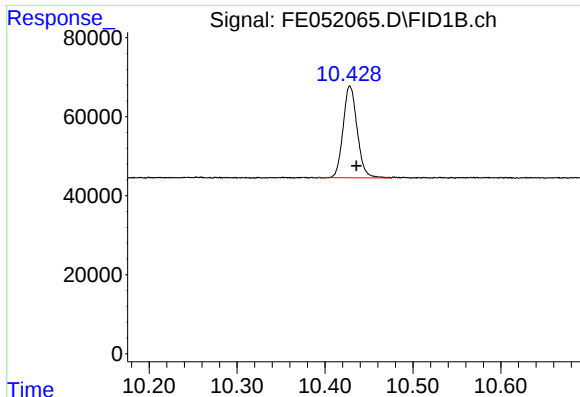
#3 N-DODECANE

R.T.: 7.031 min
Delta R.T.: -0.005 min
Response: 232332
Conc: 2.33 ug/ml



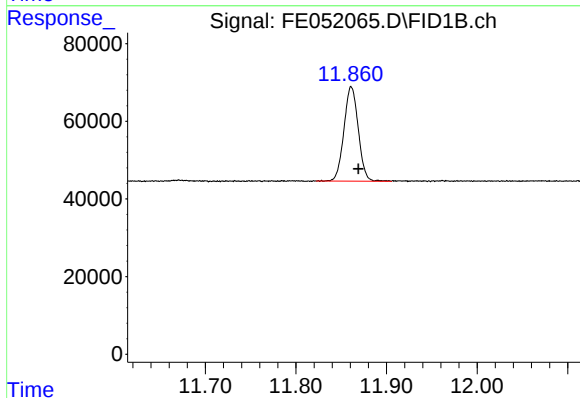
#4 N-TETRADECANE

R.T.: 8.836 min
Delta R.T.: -0.006 min
Response: 242067
Conc: 2.38 ug/ml



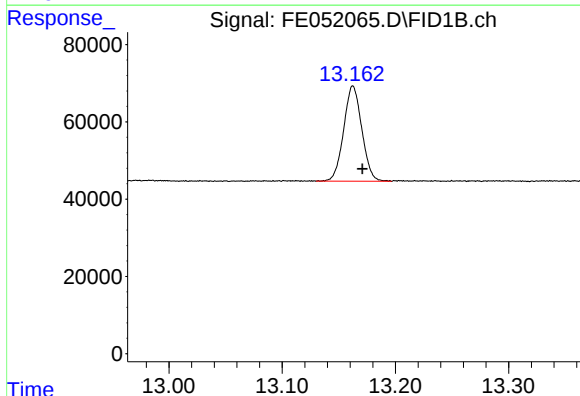
#5 N-HEXADECANE

R.T.: 10.428 min
Delta R.T.: -0.007 min
Response: 257848
Conc: 2.42 ug/ml



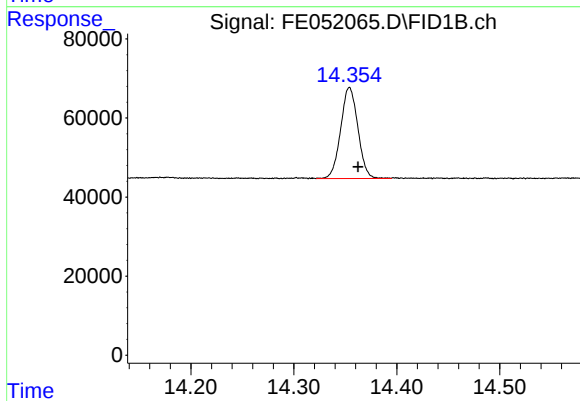
#6 N-OCTADECANE

R.T.: 11.861 min
Delta R.T.: -0.008 min
Response: 267365
Conc: 2.38 ug/ml



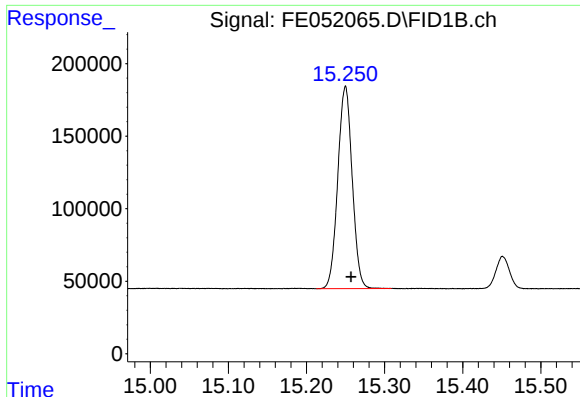
#7 N-EICOSANE

R.T.: 13.163 min
Delta R.T.: -0.008 min
Response: 274755
Conc: 2.47 ug/ml



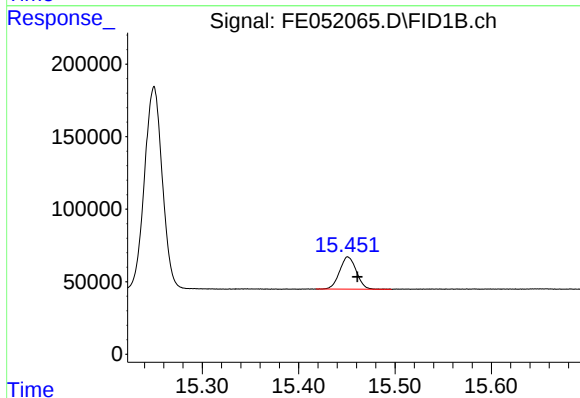
#8 N-DOCOSANE

R.T.: 14.354 min
Delta R.T.: -0.008 min
Response: 267748
Conc: 2.41 ug/ml



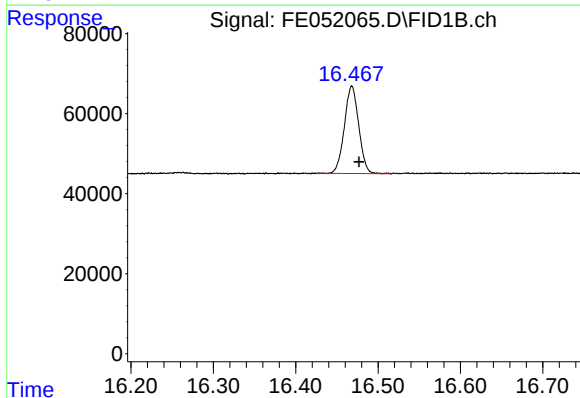
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.250 min
Delta R.T.: -0.007 min
Response: 1786513
Conc: 17.94 ug/ml



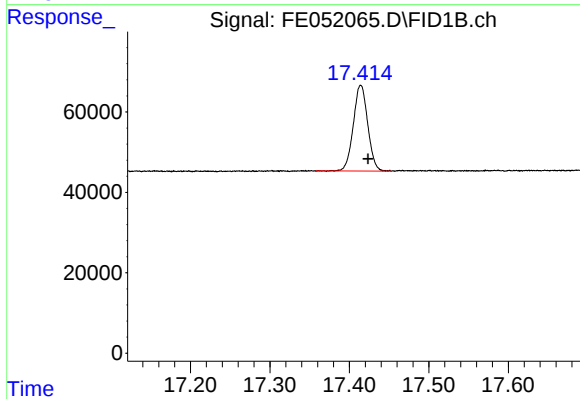
#10 N-TETRACOSANE

R.T.: 15.451 min
Delta R.T.: -0.010 min
Response: 267374
Conc: 2.42 ug/ml



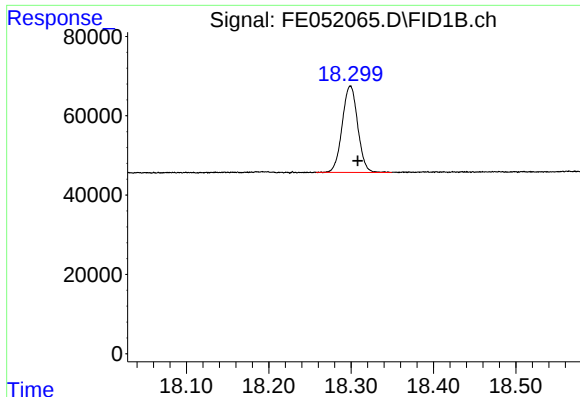
#11 N-HEXACOSANE

R.T.: 16.468 min
Delta R.T.: -0.009 min
Response: 264320
Conc: 2.42 ug/ml



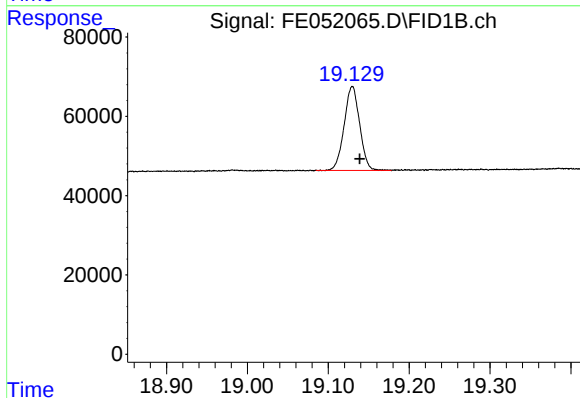
#12 N-OCTACOSANE

R.T.: 17.414 min
Delta R.T.: -0.009 min
Response: 269727
Conc: 2.50 ug/ml



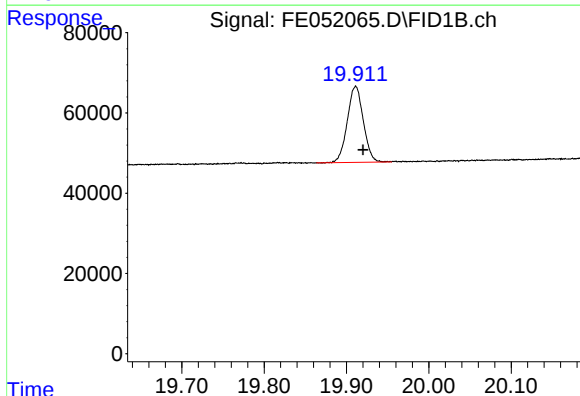
#13 N-TRIACONTANE

R.T.: 18.299 min
Delta R.T.: -0.009 min
Response: 285155
Conc: 2.66 ug/ml



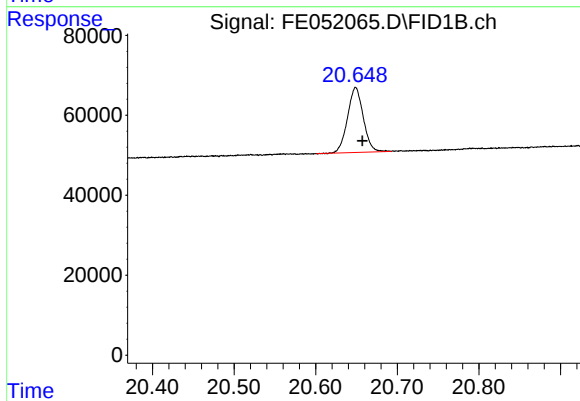
#14 N-DOTRIACONTANE

R.T.: 19.130 min
Delta R.T.: -0.009 min
Response: 283140
Conc: 2.71 ug/ml



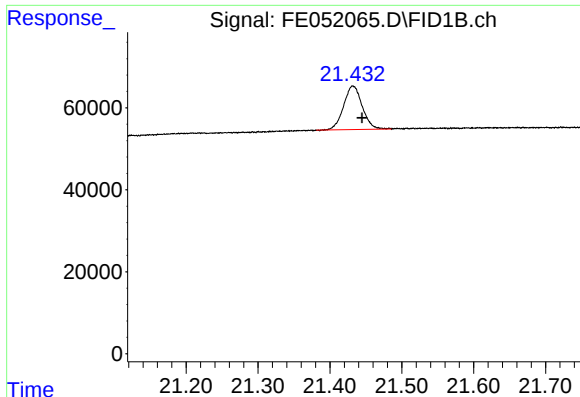
#15 N-TETRATRIACONTANE

R.T.: 19.911 min
Delta R.T.: -0.009 min
Response: 256036
Conc: 2.73 ug/ml



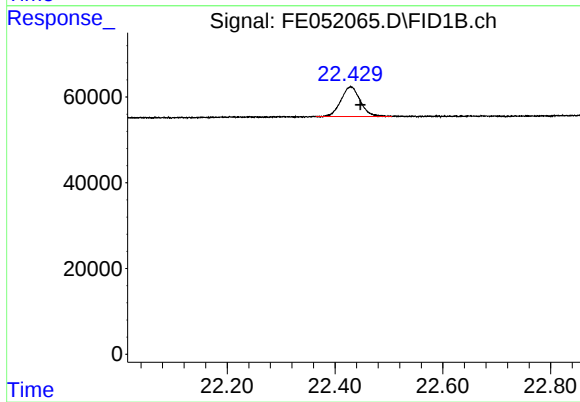
#16 N-HEXATRIACONTANE

R.T.: 20.649 min
Delta R.T.: -0.008 min
Response: 218181
Conc: 2.70 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.432 min
Delta R.T.: -0.013 min
Response: 191298
Conc: 2.56 ug/ml



#18 N-TETRACONTANE

R.T.: 22.429 min
Delta R.T.: -0.018 min
Response: 172307
Conc: 2.34 ug/ml