

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425\
 Data File : FE052047.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 13:55
 Operator : YP\AJ
 Sample : Q1168-04
 Misc : 1 PPB SOIL LOD
 ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:44:04 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...	15.251	1758515	17.656 ug/ml
Target Compounds			
1) N-OCTANE	2.411	77324	0.907 ug/ml
2) N-DECANE	4.905	86764	0.948 ug/ml
3) N-DODECANE	7.032	91314	0.914 ug/ml
4) N-TETRADECANE	8.838	83580	0.821 ug/ml
5) N-HEXADECANE	10.431	102554	0.962 ug/ml
6) N-OCTADECANE	11.864	108712	0.970 ug/ml
7) N-EICOSANE	13.165	113223	1.017 ug/ml
8) N-DOCOSANE	14.357	111308	1.002 ug/ml
10) N-TETRACOSANE	15.455	114816	1.038 ug/ml
11) N-HEXACOSANE	16.471	113686	1.043 ug/ml
12) N-OCTACOSANE	17.417	132460	1.227 ug/ml
13) N-TRIACONTANE	18.302	163660	1.525 ug/ml
14) N-DOTRIACONTANE	19.133	168976	1.618 ug/ml
15) N-TETRATRIACONTANE	19.912	142127	1.514 ug/mlm
16) N-HEXATRIACONTANE	20.649	106554	1.320 ug/mlm
17) N-OCTATRIACONTANE	21.435	84856	1.137 ug/ml
18) N-TETRACONTANE	22.432	65591	0.891 ug/ml

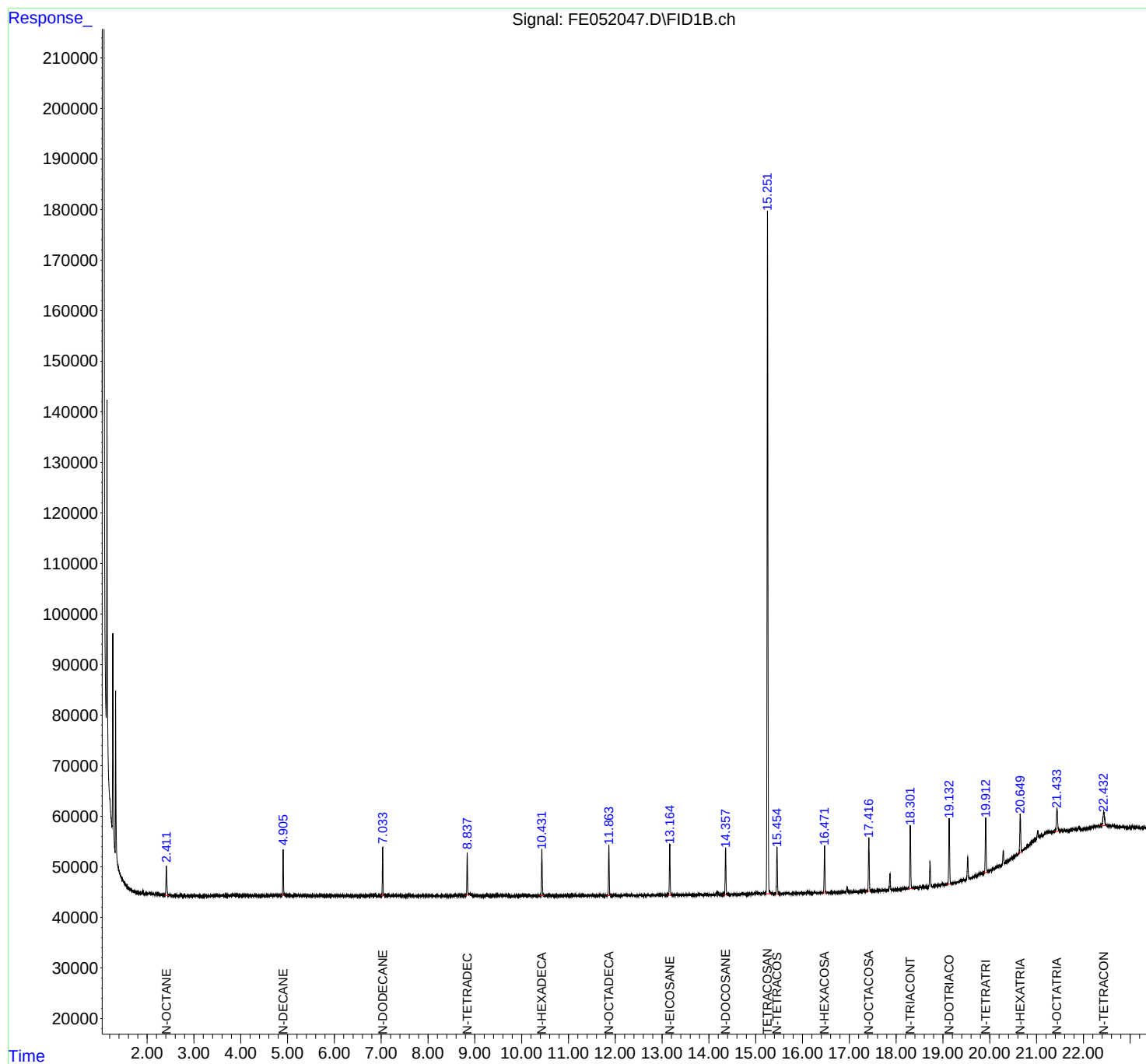
(f)=RT Delta > 1/2 Window

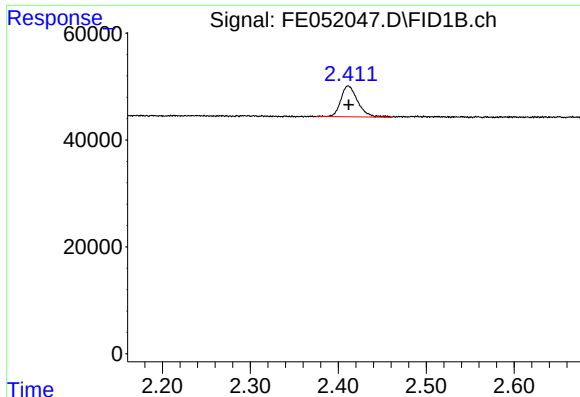
(m)=manual int.

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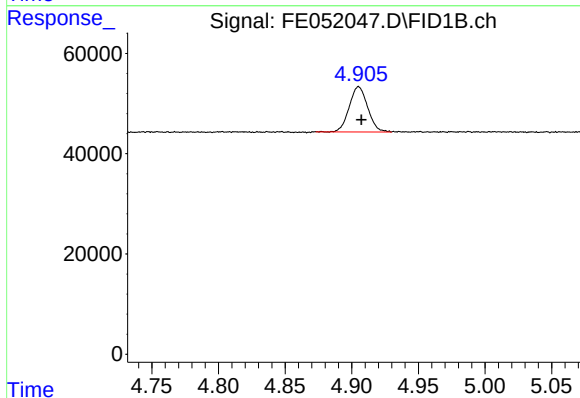
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





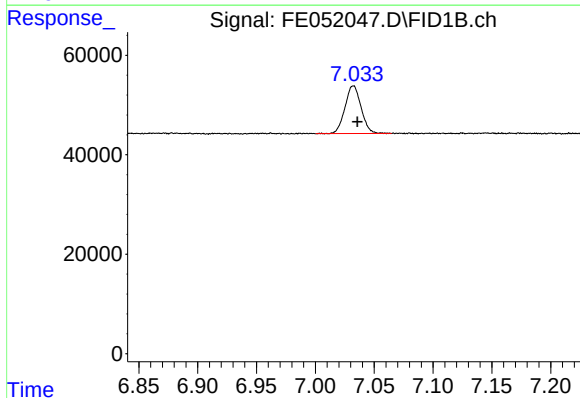
#1 N-OCTANE

R.T.: 2.411 min
Delta R.T.: 0.000 min
Response: 77324
Conc: 0.91 ug/ml



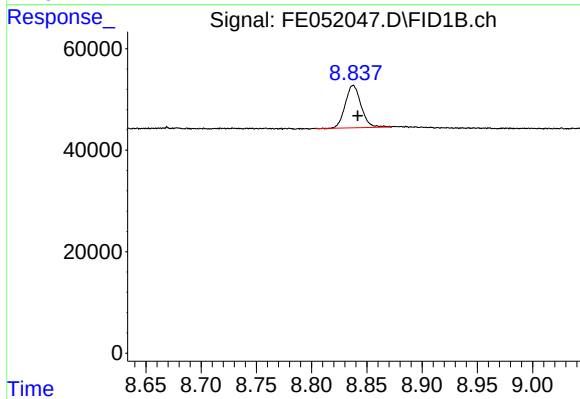
#2 N-DECANE

R.T.: 4.905 min
Delta R.T.: -0.002 min
Response: 86764
Conc: 0.95 ug/ml



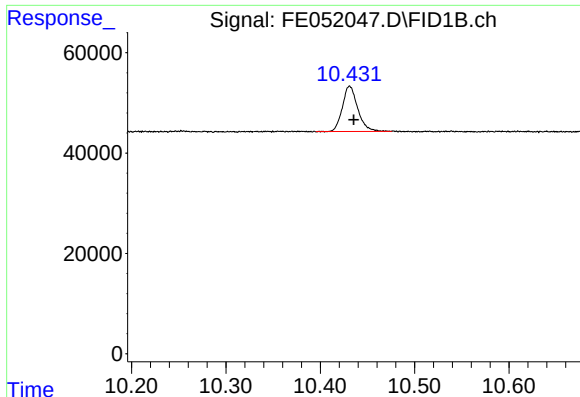
#3 N-DODECANE

R.T.: 7.032 min
Delta R.T.: -0.003 min
Response: 91314
Conc: 0.91 ug/ml



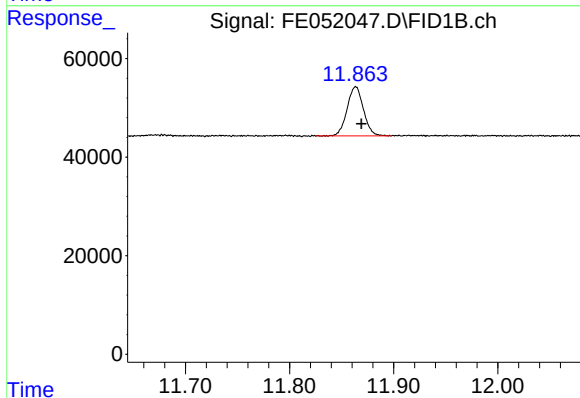
#4 N-TETRADECANE

R.T.: 8.838 min
Delta R.T.: -0.004 min
Response: 83580
Conc: 0.82 ug/ml



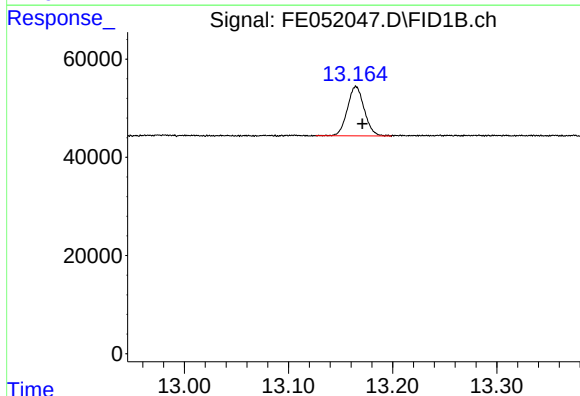
#5 N-HEXADECANE

R.T.: 10.431 min
Delta R.T.: -0.004 min
Response: 102554
Conc: 0.96 ug/ml



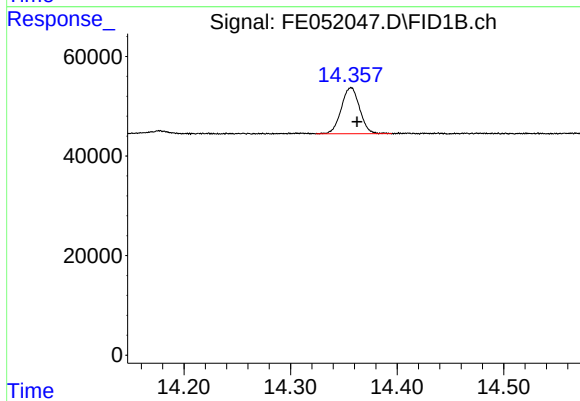
#6 N-OCTADECANE

R.T.: 11.864 min
Delta R.T.: -0.005 min
Response: 108712
Conc: 0.97 ug/ml



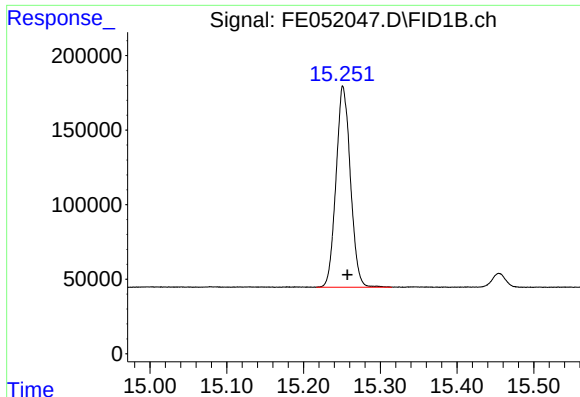
#7 N-EICOSANE

R.T.: 13.165 min
Delta R.T.: -0.006 min
Response: 113223
Conc: 1.02 ug/ml



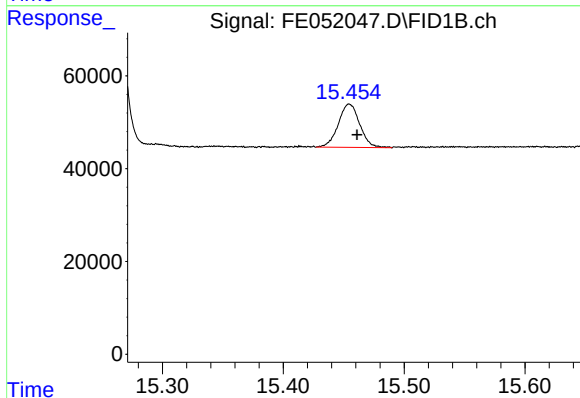
#8 N-DOCOSANE

R.T.: 14.357 min
Delta R.T.: -0.006 min
Response: 111308
Conc: 1.00 ug/ml



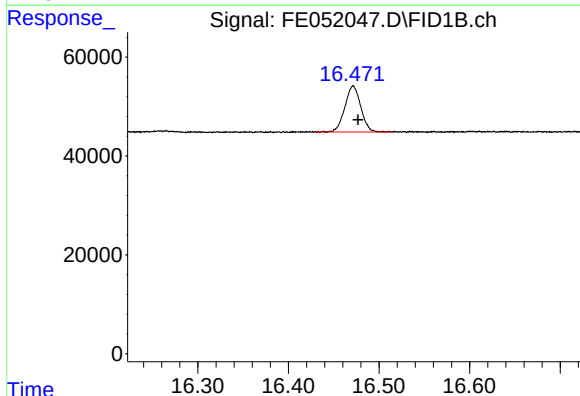
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.251 min
Delta R.T.: -0.006 min
Response: 1758515
Conc: 17.66 ug/ml



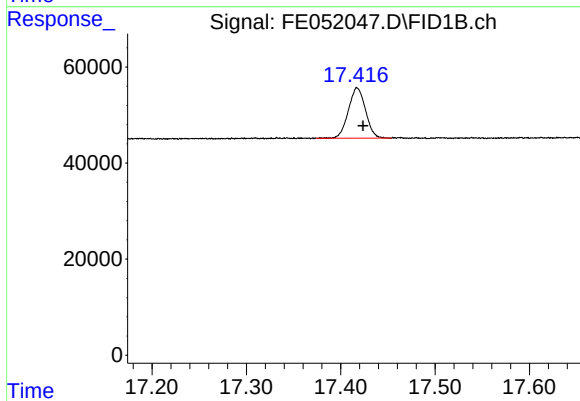
#10 N-TETRACOSANE

R.T.: 15.455 min
Delta R.T.: -0.006 min
Response: 114816
Conc: 1.04 ug/ml



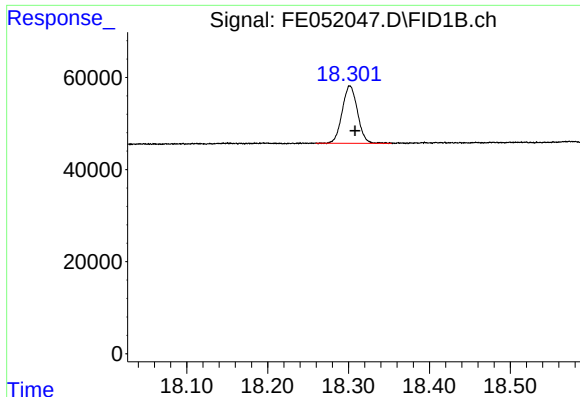
#11 N-HEXACOSANE

R.T.: 16.471 min
Delta R.T.: -0.005 min
Response: 113686
Conc: 1.04 ug/ml



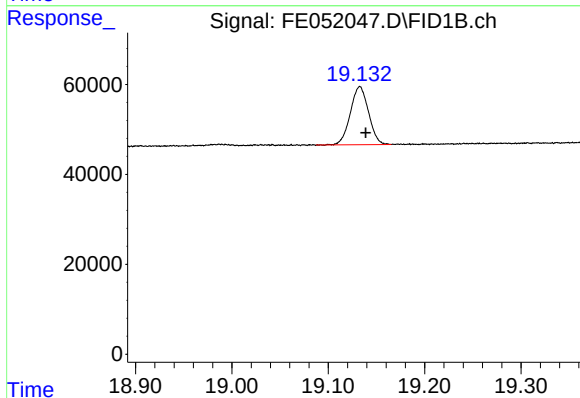
#12 N-OCTACOSANE

R.T.: 17.417 min
Delta R.T.: -0.006 min
Response: 132460
Conc: 1.23 ug/ml



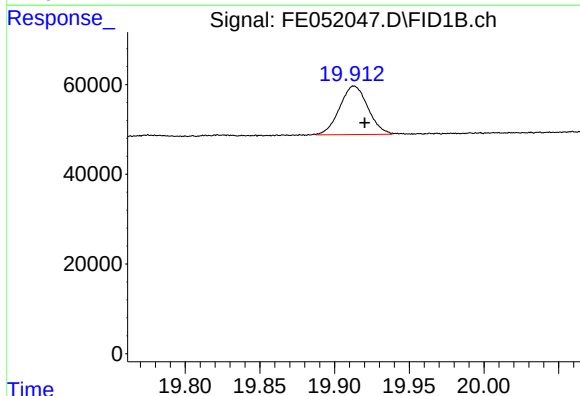
#13 N-TRIACONTANE

R.T.: 18.302 min
Delta R.T.: -0.006 min
Response: 163660
Conc: 1.53 ug/ml



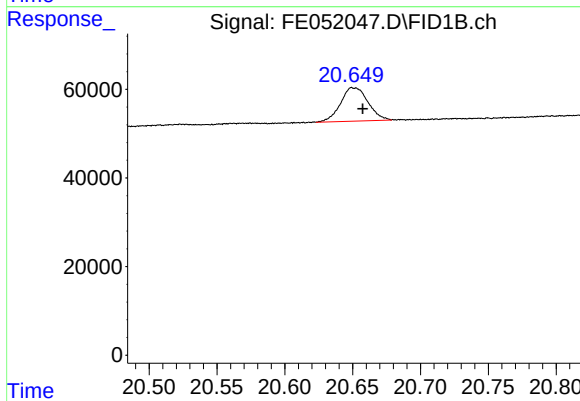
#14 N-DOTRIACONTANE

R.T.: 19.133 min
Delta R.T.: -0.006 min
Response: 168976
Conc: 1.62 ug/ml



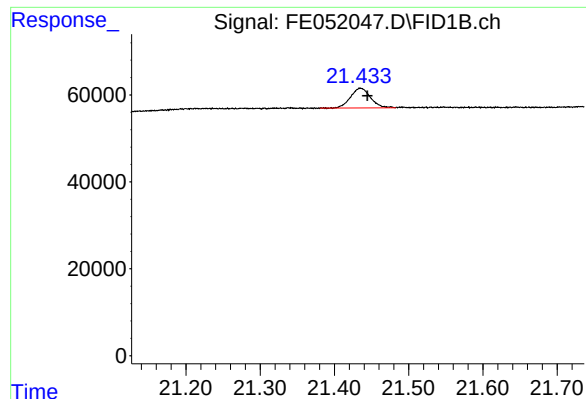
#15 N-TETRATRIACONTANE

R.T.: 19.912 min
Delta R.T.: -0.008 min
Response: 142127
Conc: 1.51 ug/ml m



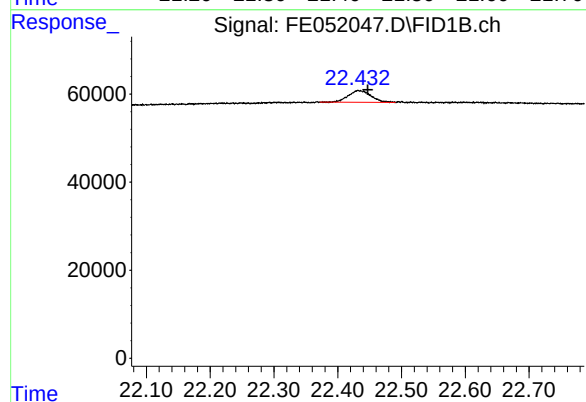
#16 N-HEXATRIACONTANE

R.T.: 20.649 min
Delta R.T.: -0.008 min
Response: 106554
Conc: 1.32 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.435 min
Delta R.T.: -0.010 min
Response: 84856
Conc: 1.14 ug/ml



#18 N-TETRACONTANE

R.T.: 22.432 min
Delta R.T.: -0.015 min
Response: 65591
Conc: 0.89 ug/ml