

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425\
 Data File : FE052051.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 15:56
 Operator : YP\AJ
 Sample : Q1168-10
 Misc : 1 PPB WATER LOD
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:45:28 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...	15.252	1761284	17.684 ug/ml
Target Compounds			
1) N-OCTANE	2.412	76350	0.895 ug/ml
2) N-DECANE	4.905	89979	0.983 ug/ml
3) N-DODECANE	7.032	91740	0.918 ug/ml
4) N-TETRADECANE	8.838	85056	0.836 ug/ml
5) N-HEXADECANE	10.431	105049	0.986 ug/ml
6) N-OCTADECANE	11.863	110162	0.983 ug/ml
7) N-EICOSANE	13.165	113535	1.019 ug/ml
8) N-DOCOSANE	14.357	111573	1.005 ug/ml
10) N-TETRACOSANE	15.454	112196	1.014 ug/ml
11) N-HEXACOSANE	16.471	111384	1.022 ug/ml
12) N-OCTACOSANE	17.418	116358	1.078 ug/ml
13) N-TRIACONTANE	18.302	130479	1.216 ug/ml
14) N-DOTRIACONTANE	19.133	130075	1.246 ug/ml
15) N-TETRATRIACONTANE	19.914	112968	1.203 ug/ml
16) N-HEXATRIACONTANE	20.653	87012	1.078 ug/ml
17) N-OCTATRIACONTANE	21.438	71902	0.964 ug/ml
18) N-TETRACONTANE	22.436	60805	0.826 ug/ml

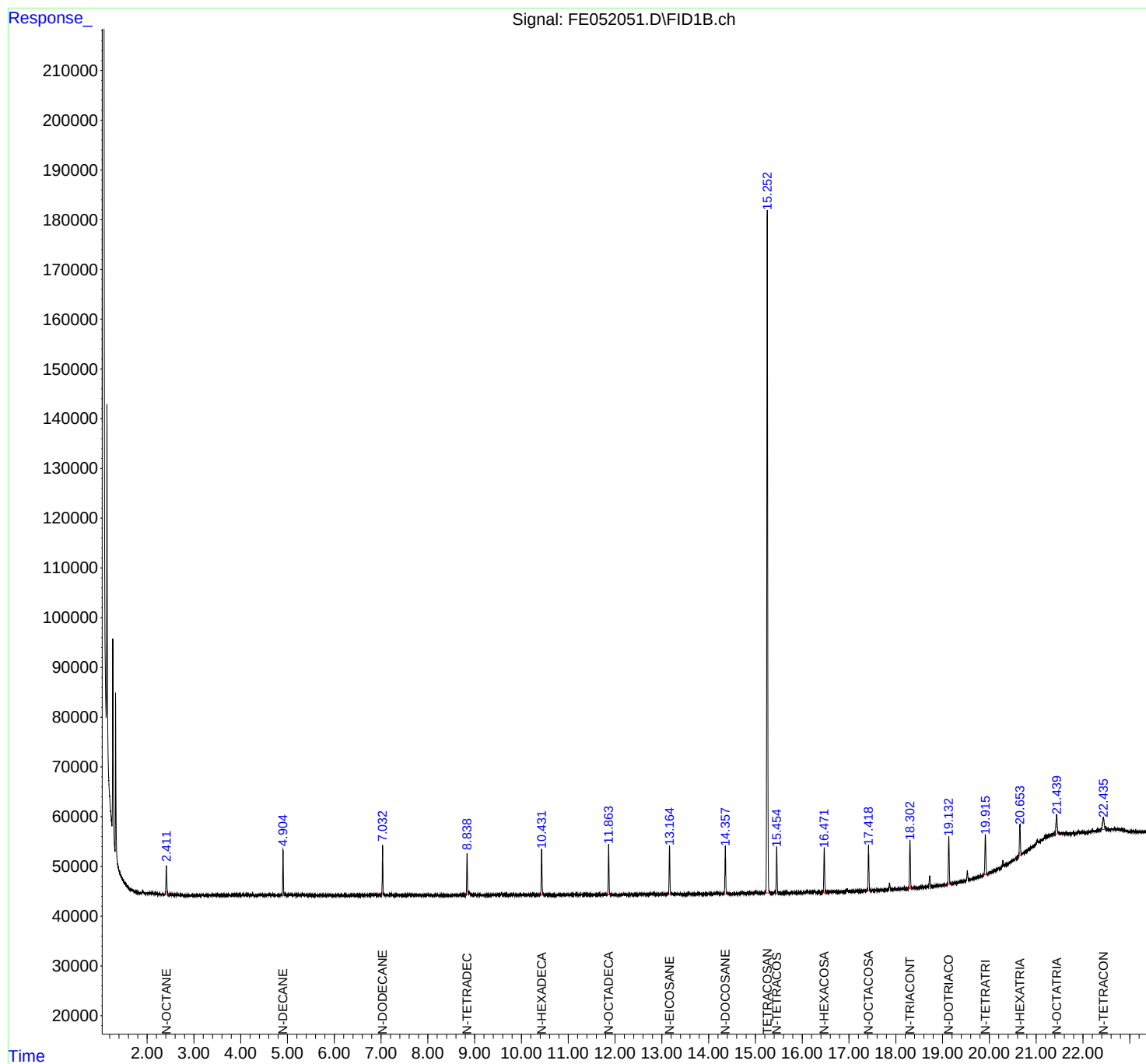
(f)=RT Delta > 1/2 Window

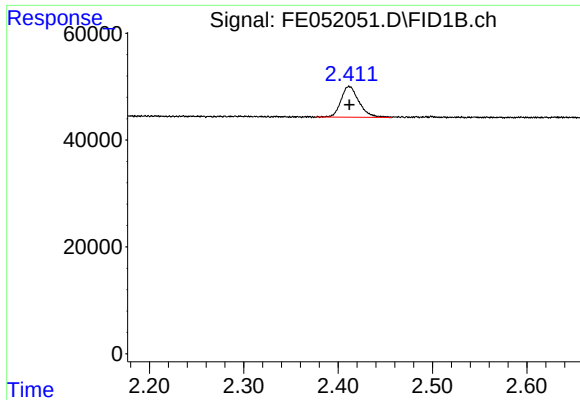
(m)=manual int.

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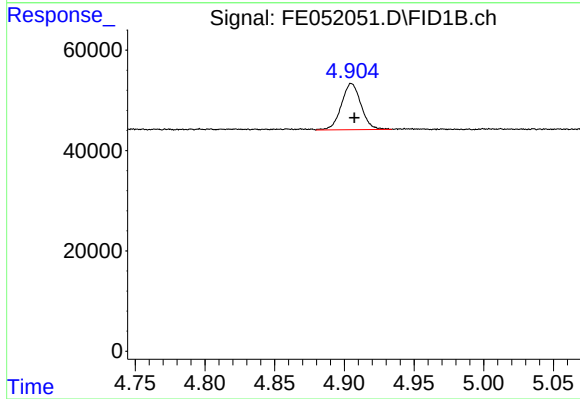
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





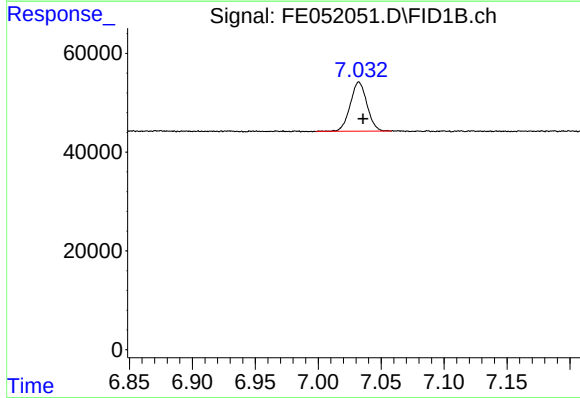
#1 N-OCTANE

R.T.: 2.412 min
Delta R.T.: 0.000 min
Response: 76350
Conc: 0.90 ug/ml



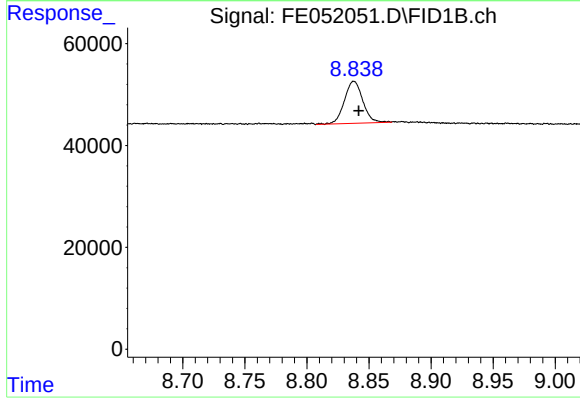
#2 N-DECANE

R.T.: 4.905 min
Delta R.T.: -0.002 min
Response: 89979
Conc: 0.98 ug/ml



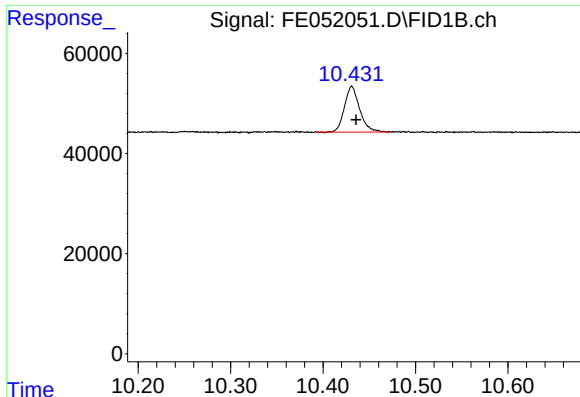
#3 N-DODECANE

R.T.: 7.032 min
Delta R.T.: -0.003 min
Response: 91740
Conc: 0.92 ug/ml



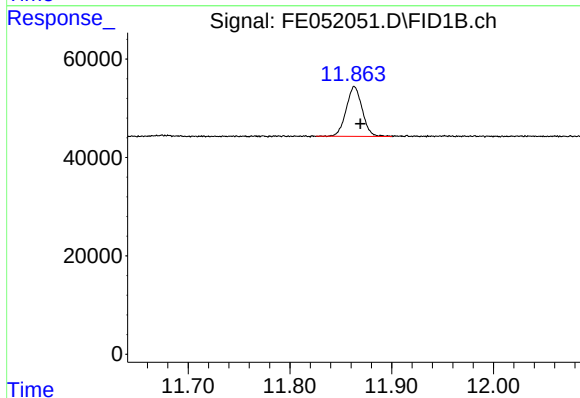
#4 N-TETRADECANE

R.T.: 8.838 min
Delta R.T.: -0.004 min
Response: 85056
Conc: 0.84 ug/ml



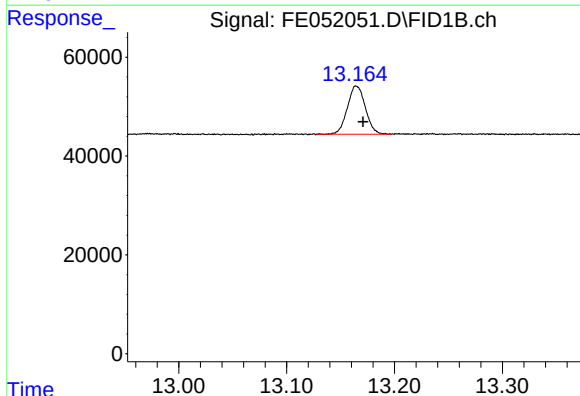
#5 N-HEXADECANE

R.T.: 10.431 min
Delta R.T.: -0.004 min
Response: 105049
Conc: 0.99 ug/ml



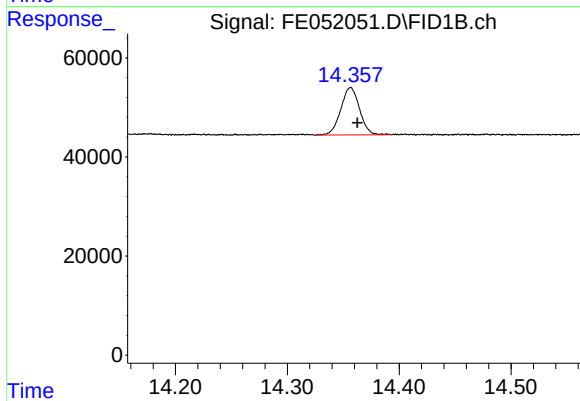
#6 N-OCTADECANE

R.T.: 11.863 min
Delta R.T.: -0.006 min
Response: 110162
Conc: 0.98 ug/ml



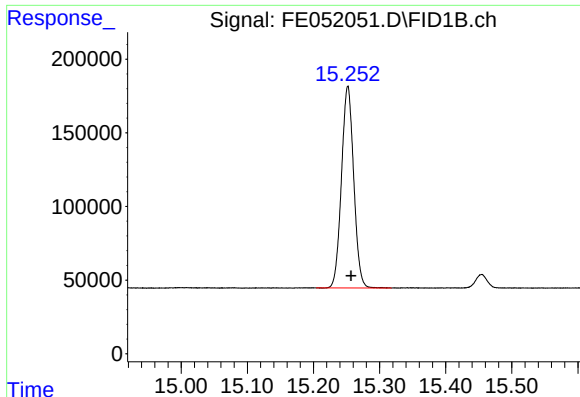
#7 N-EICOSANE

R.T.: 13.165 min
Delta R.T.: -0.006 min
Response: 113535
Conc: 1.02 ug/ml



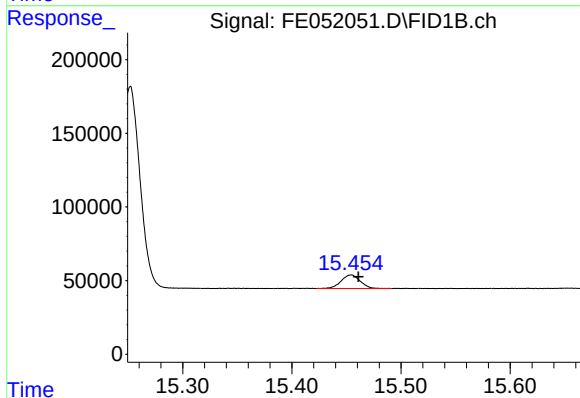
#8 N-DOCOSANE

R.T.: 14.357 min
Delta R.T.: -0.006 min
Response: 111573
Conc: 1.00 ug/ml



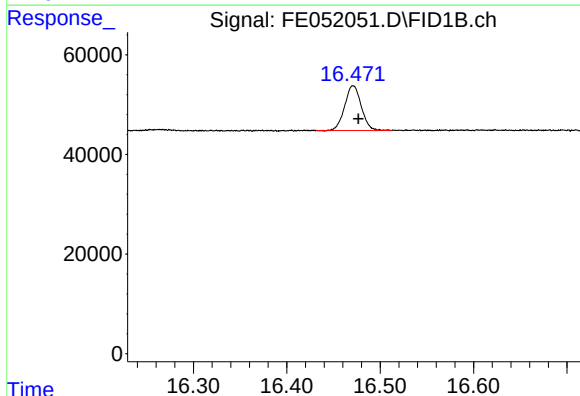
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.252 min
Delta R.T.: -0.005 min
Response: 1761284
Conc: 17.68 ug/ml



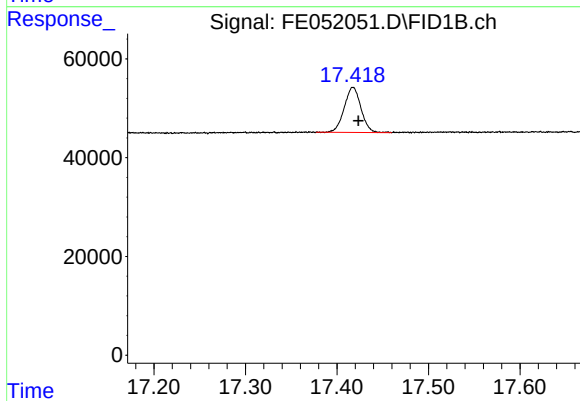
#10 N-TETRACOSANE

R.T.: 15.454 min
Delta R.T.: -0.007 min
Response: 112196
Conc: 1.01 ug/ml



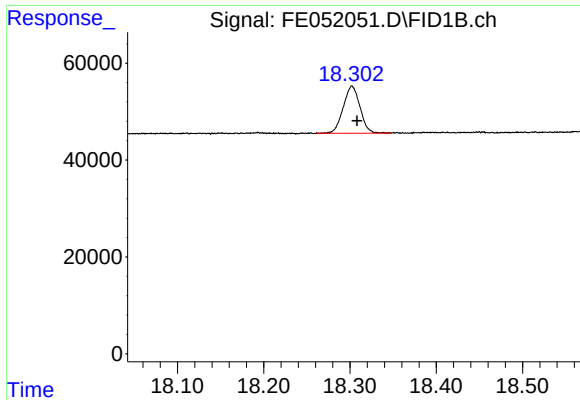
#11 N-HEXACOSANE

R.T.: 16.471 min
Delta R.T.: -0.006 min
Response: 111384
Conc: 1.02 ug/ml



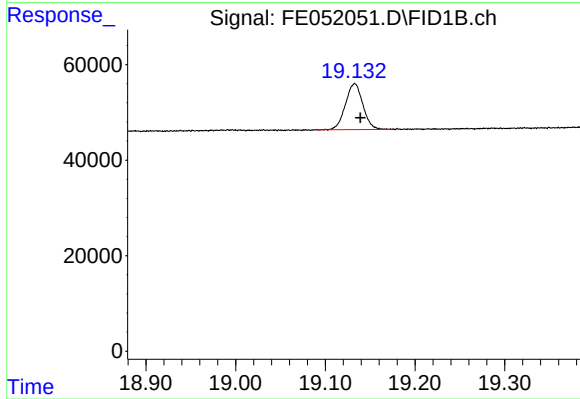
#12 N-OCTACOSANE

R.T.: 17.418 min
Delta R.T.: -0.006 min
Response: 116358
Conc: 1.08 ug/ml



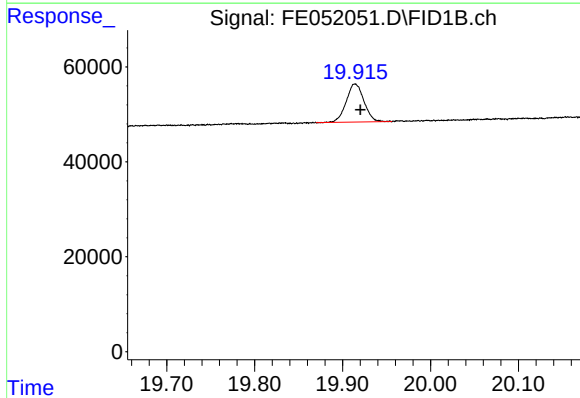
#13 N-TRIACONTANE

R.T.: 18.302 min
Delta R.T.: -0.006 min
Response: 130479
Conc: 1.22 ug/ml



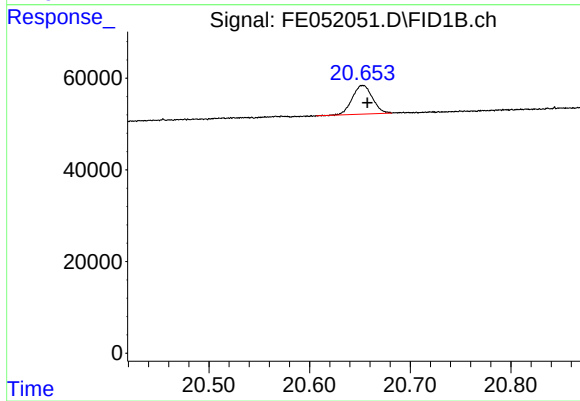
#14 N-DOTRIACONTANE

R.T.: 19.133 min
Delta R.T.: -0.006 min
Response: 130075
Conc: 1.25 ug/ml



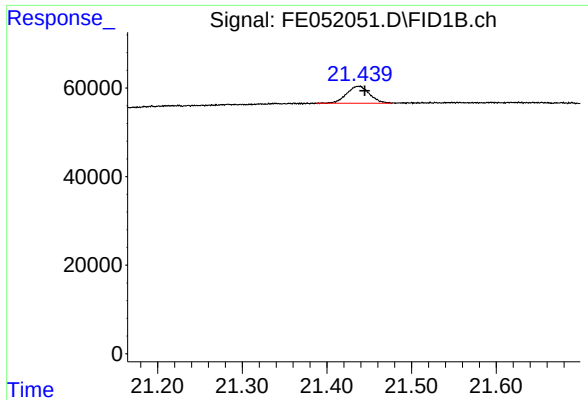
#15 N-TETRATRIACONTANE

R.T.: 19.914 min
Delta R.T.: -0.006 min
Response: 112968
Conc: 1.20 ug/ml



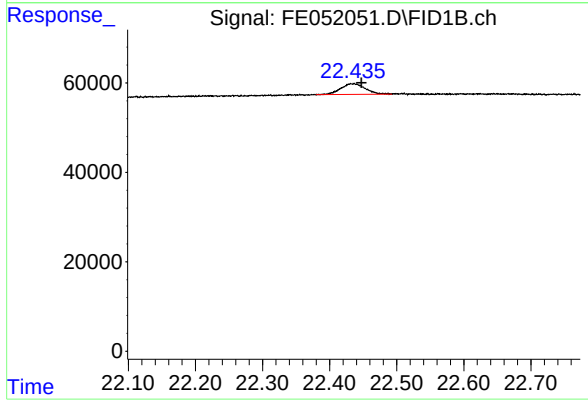
#16 N-HEXATRIACONTANE

R.T.: 20.653 min
Delta R.T.: -0.004 min
Response: 87012
Conc: 1.08 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.438 min
Delta R.T.: -0.007 min
Response: 71902
Conc: 0.96 ug/ml



#18 N-TETRACONTANE

R.T.: 22.436 min
Delta R.T.: -0.011 min
Response: 60805
Conc: 0.83 ug/ml