

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425\
 Data File : FE052060.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 20:26
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 1 PPB SOIL LOD
 ALS Vial : 28 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:48:37 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	1855443	18.629 ug/ml
Target Compounds			
1) N-OCTANE	2.411	76754	0.900 ug/ml
2) N-DECANE	4.904	89209	0.975 ug/ml
3) N-DODECANE	7.031	92915	0.930 ug/ml
4) N-TETRADECANE	8.836	84748	0.833 ug/ml
5) N-HEXADECANE	10.430	108038	1.014 ug/ml
6) N-OCTADECANE	11.861	110060	0.982 ug/ml
7) N-EICOSANE	13.162	115319	1.035 ug/ml
8) N-DOCOSANE	14.353	114091	1.028 ug/ml
10) N-TETRACOSANE	15.452	114334	1.034 ug/ml
11) N-HEXACOSANE	16.468	113639	1.042 ug/ml
12) N-OCTACOSANE	17.414	124623	1.155 ug/ml
13) N-TRIACONTANE	18.299	148581	1.385 ug/ml
14) N-DOTRIACONTANE	19.129	156310	1.497 ug/ml
15) N-TETRATRIACONTANE	19.910	137101	1.460 ug/ml
16) N-HEXATRIACONTANE	20.649	103645	1.283 ug/ml
17) N-OCTATRIACONTANE	21.431	84222	1.129 ug/ml
18) N-TETRACONTANE	22.427	69468	0.943 ug/ml

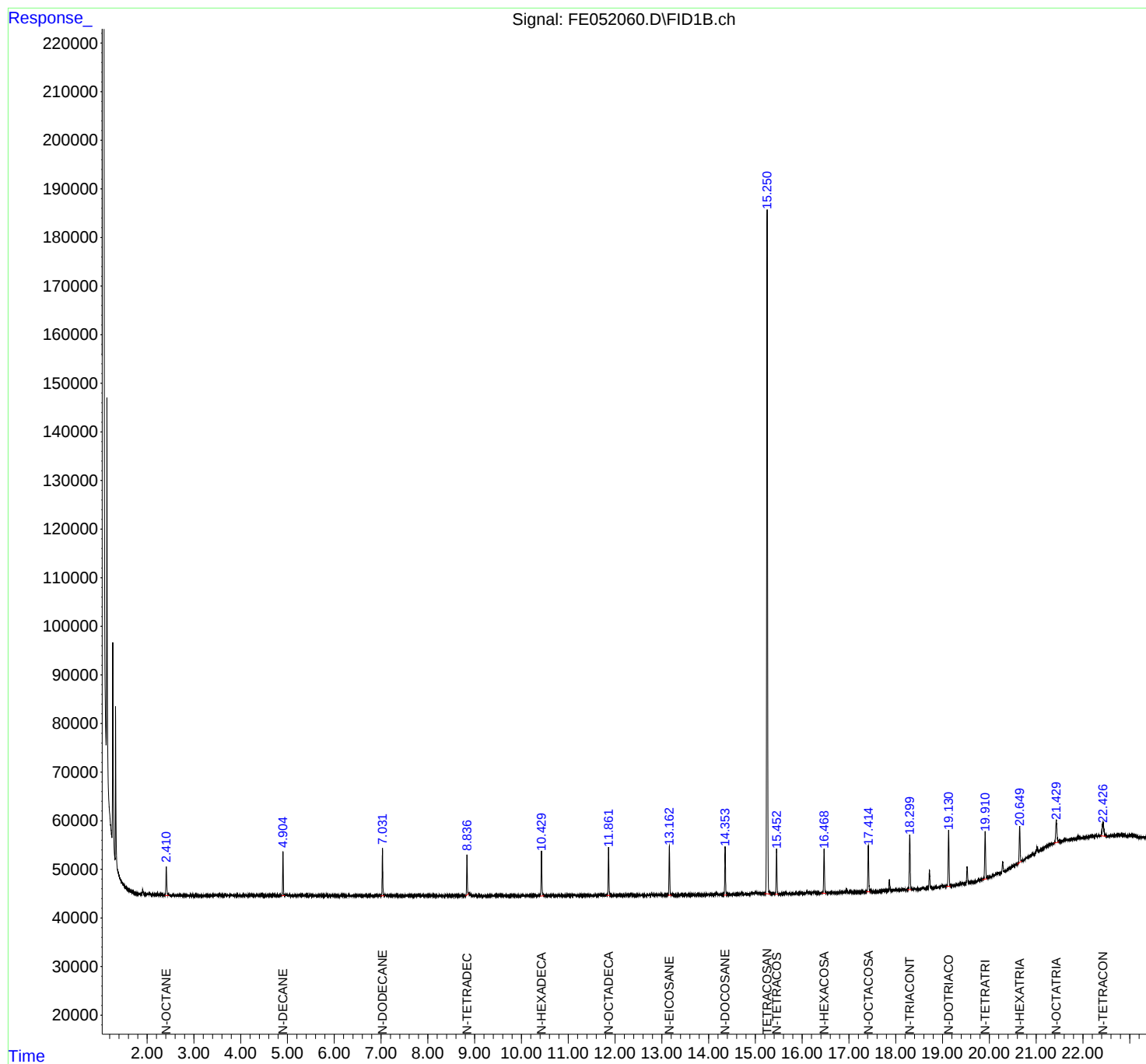
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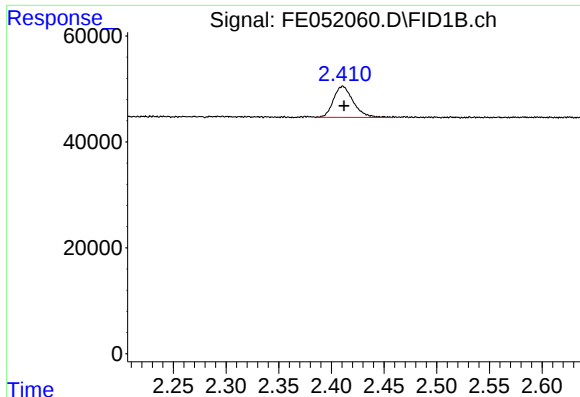
(m)=manual int.

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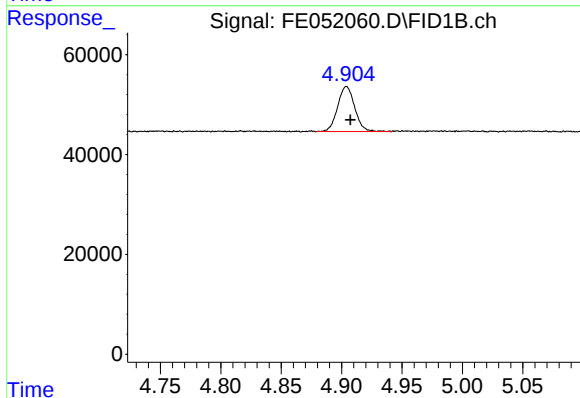
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





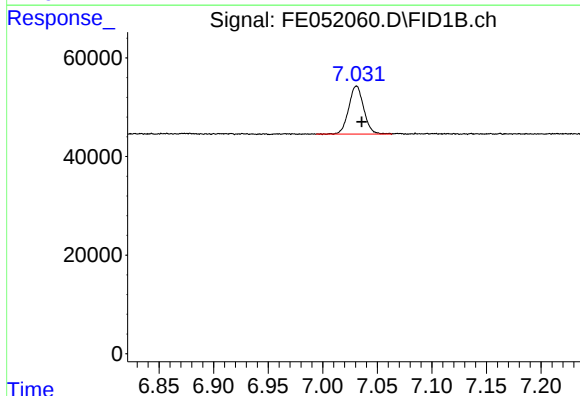
#1 N-OCTANE

R.T.: 2.411 min
Delta R.T.: -0.001 min
Response: 76754
Conc: 0.90 ug/ml



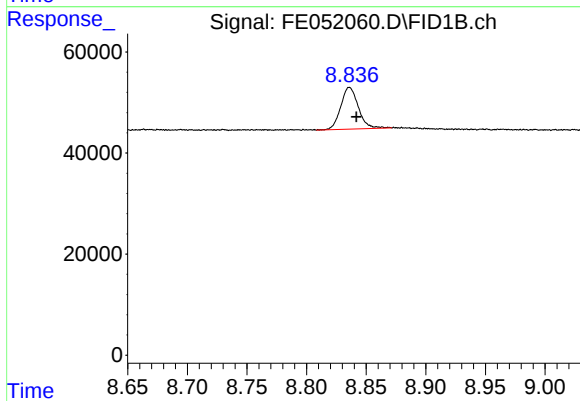
#2 N-DECANE

R.T.: 4.904 min
Delta R.T.: -0.003 min
Response: 89209
Conc: 0.97 ug/ml



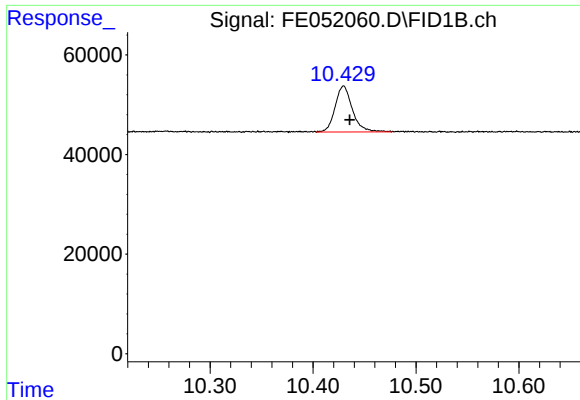
#3 N-DODECANE

R.T.: 7.031 min
Delta R.T.: -0.005 min
Response: 92915
Conc: 0.93 ug/ml



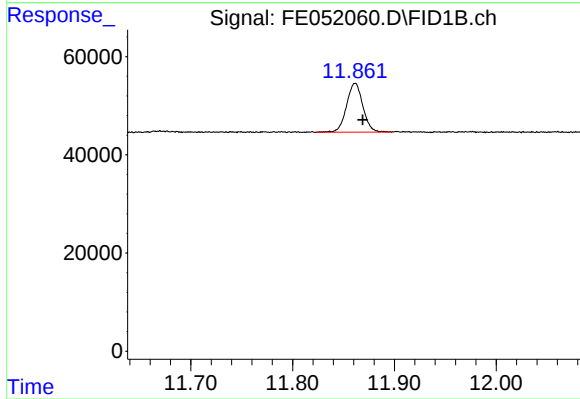
#4 N-TETRADECANE

R.T.: 8.836 min
Delta R.T.: -0.006 min
Response: 84748
Conc: 0.83 ug/ml



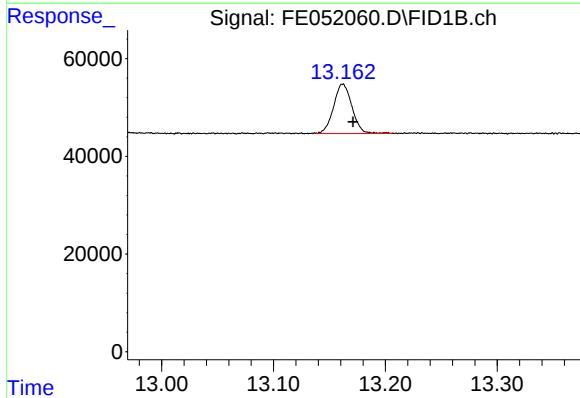
#5 N-HEXADECANE

R.T.: 10.430 min
Delta R.T.: -0.006 min
Response: 108038
Conc: 1.01 ug/ml



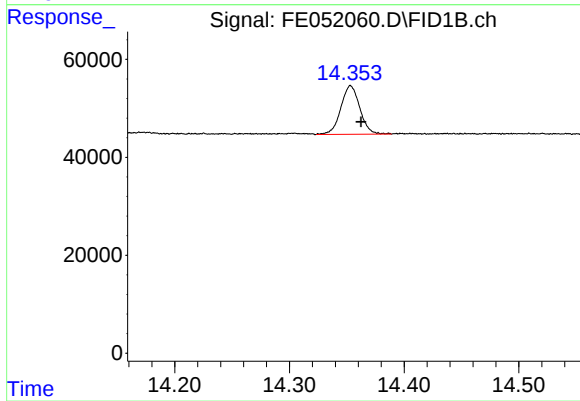
#6 N-OCTADECANE

R.T.: 11.861 min
Delta R.T.: -0.008 min
Response: 110060
Conc: 0.98 ug/ml



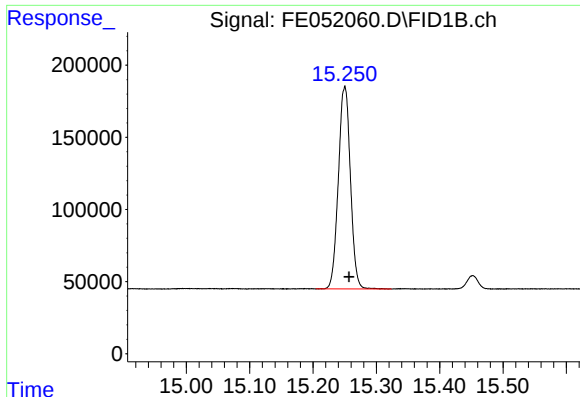
#7 N-EICOSANE

R.T.: 13.162 min
Delta R.T.: -0.009 min
Response: 115319
Conc: 1.04 ug/ml



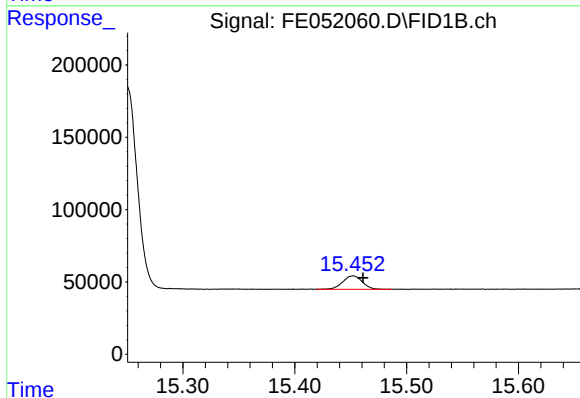
#8 N-DOCOSANE

R.T.: 14.353 min
Delta R.T.: -0.009 min
Response: 114091
Conc: 1.03 ug/ml



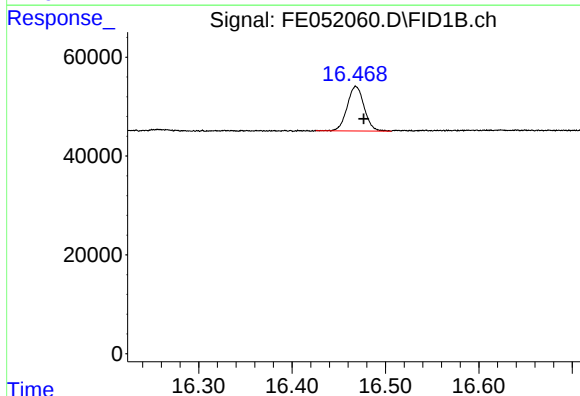
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.250 min
Delta R.T.: -0.007 min
Response: 1855443
Conc: 18.63 ug/ml



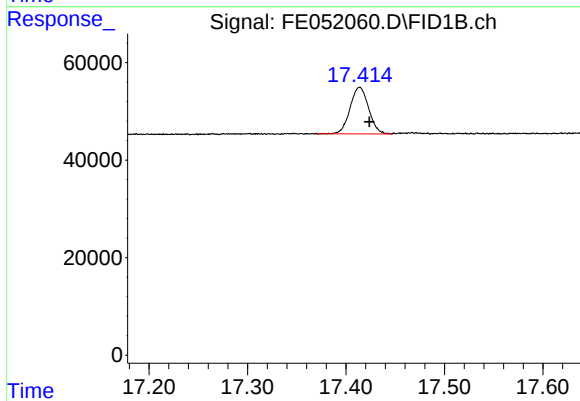
#10 N-TETRACOSANE

R.T.: 15.452 min
Delta R.T.: -0.009 min
Response: 114334
Conc: 1.03 ug/ml



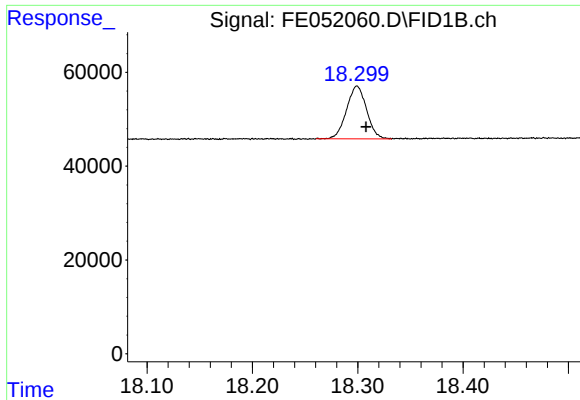
#11 N-HEXACOSANE

R.T.: 16.468 min
Delta R.T.: -0.009 min
Response: 113639
Conc: 1.04 ug/ml



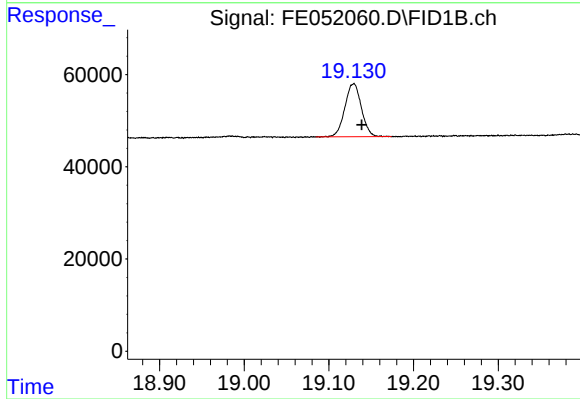
#12 N-OCTACOSANE

R.T.: 17.414 min
Delta R.T.: -0.010 min
Response: 124623
Conc: 1.15 ug/ml



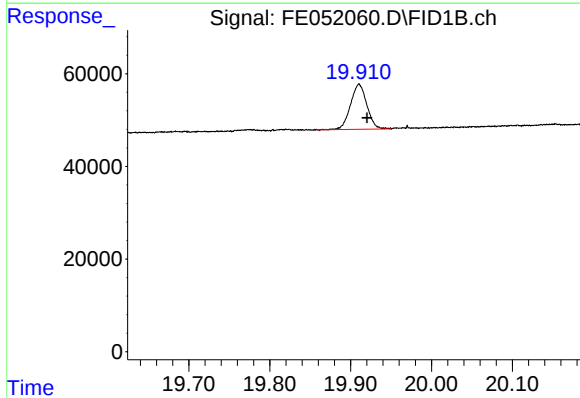
#13 N-TRIACONTANE

R.T.: 18.299 min
Delta R.T.: -0.009 min
Response: 148581
Conc: 1.38 ug/ml



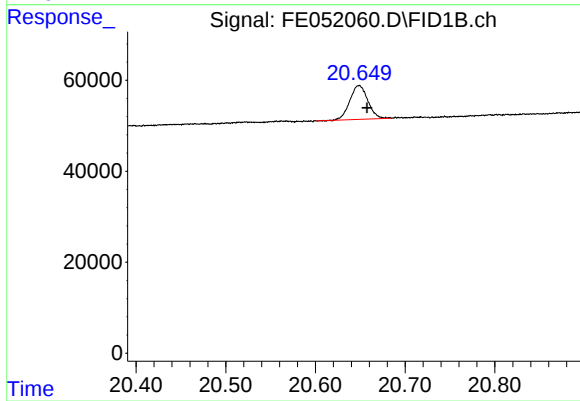
#14 N-DOTRIACONTANE

R.T.: 19.129 min
Delta R.T.: -0.010 min
Response: 156310
Conc: 1.50 ug/ml



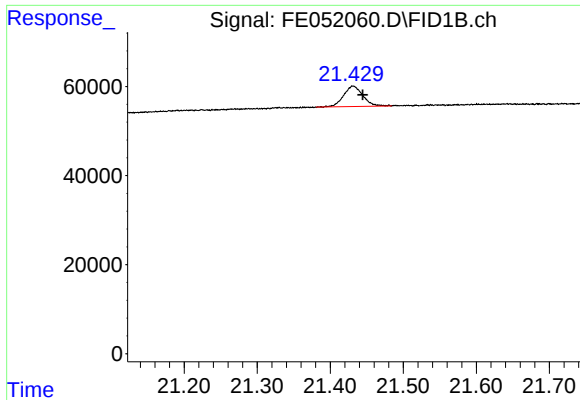
#15 N-TETRATRIACONTANE

R.T.: 19.910 min
Delta R.T.: -0.010 min
Response: 137101
Conc: 1.46 ug/ml



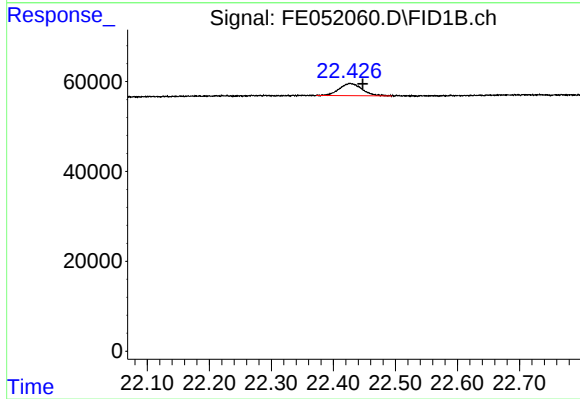
#16 N-HEXATRIACONTANE

R.T.: 20.649 min
Delta R.T.: -0.009 min
Response: 103645
Conc: 1.28 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.431 min
Delta R.T.: -0.013 min
Response: 84222
Conc: 1.13 ug/ml



#18 N-TETRACONTANE

R.T.: 22.427 min
Delta R.T.: -0.021 min
Response: 69468
Conc: 0.94 ug/ml