

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012425\
 Data File : FE052049.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2025 14:55
 Operator : YP\AJ
 Sample : Q1168-05
 Misc : 5 PPB SOIL LOQ
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 27 00:44:49 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	1727105	17.341 ug/ml
Target Compounds				
1)	N-OCTANE	2.409	358412	4.203 ug/ml
2)	N-DECANE	4.904	412577	4.509 ug/ml
3)	N-DODECANE	7.032	436413	4.368 ug/ml
4)	N-TETRADECANE	8.837	463963	4.560 ug/ml
5)	N-HEXADECANE	10.431	478824	4.494 ug/ml
6)	N-OCTADECANE	11.863	498740	4.448 ug/ml
7)	N-EICOSANE	13.165	515660	4.630 ug/ml
8)	N-DOCOSANE	14.356	503993	4.539 ug/ml
10)	N-TETRACOSANE	15.454	504450	4.561 ug/ml
11)	N-HEXACOSANE	16.471	501252	4.598 ug/ml
12)	N-OCTACOSANE	17.417	498693	4.620 ug/ml
13)	N-TRIACONTANE	18.302	512997	4.781 ug/ml
14)	N-DOTRIACONTANE	19.132	504169	4.828 ug/ml
15)	N-TETRATRIACONTANE	19.914	467708	4.981 ug/ml
16)	N-HEXATRIACONTANE	20.652	411439	5.095 ug/ml
17)	N-OCTATRIACONTANE	21.437	378532	5.073 ug/ml
18)	N-TETRACONTANE	22.435	361002	4.902 ug/ml

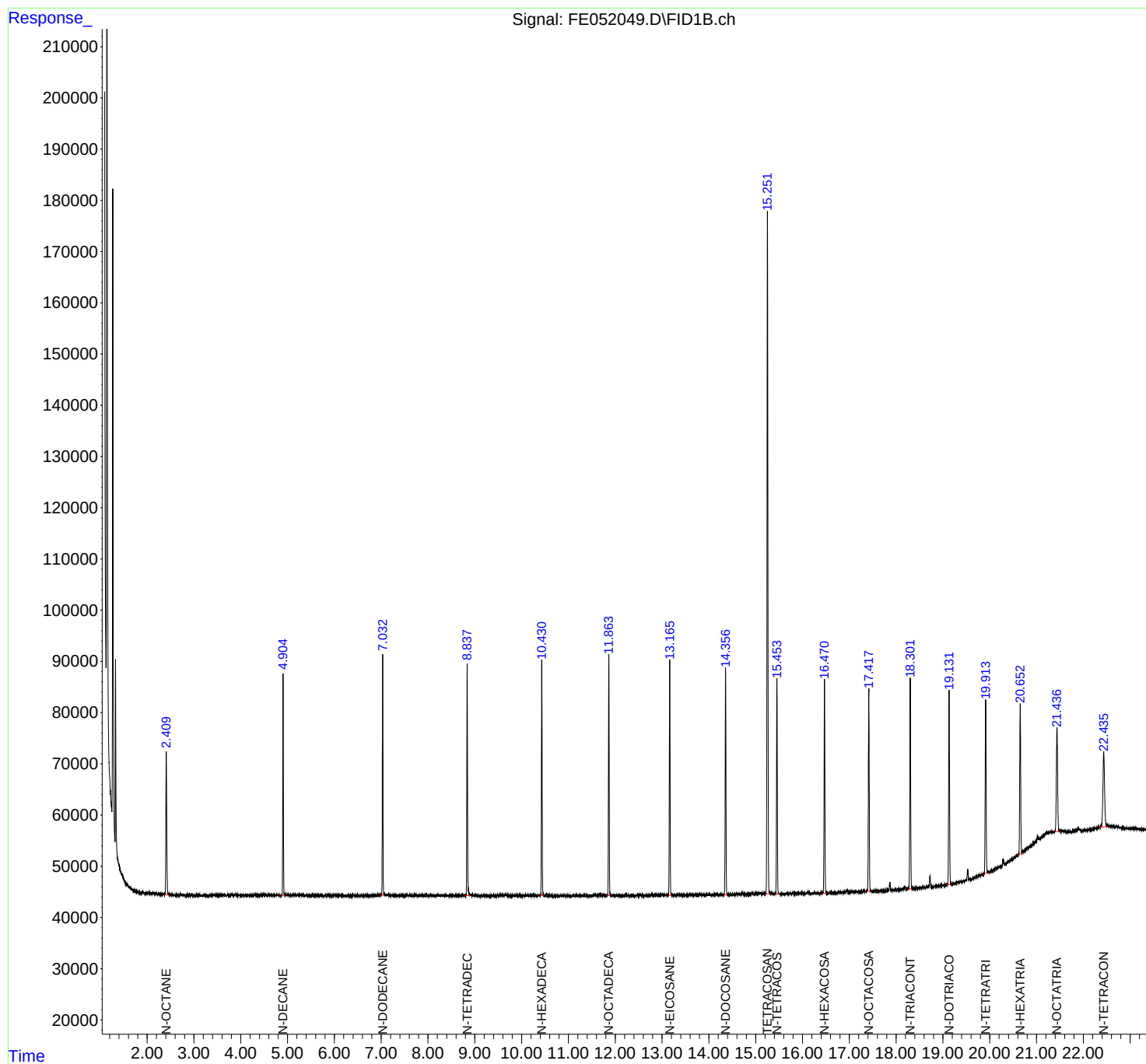
(f)=RT Delta > 1/2 Window

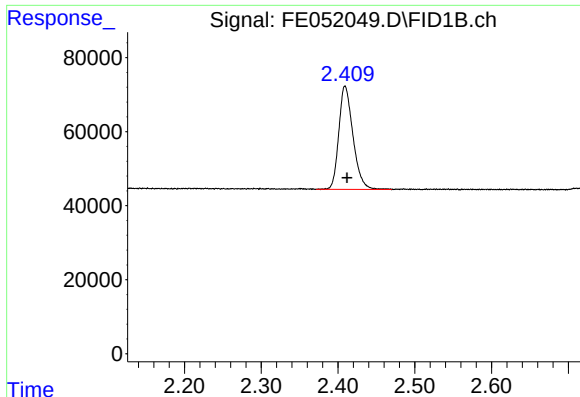
(m)=manual int.

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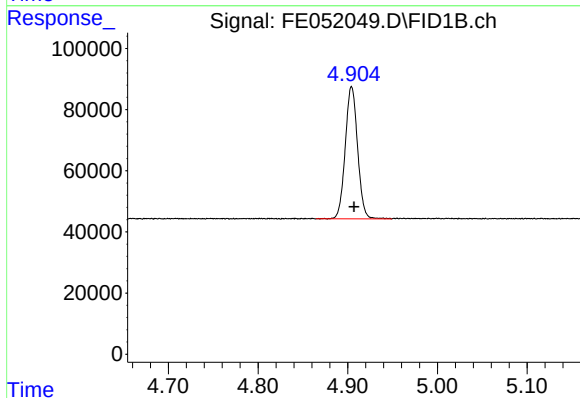
Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





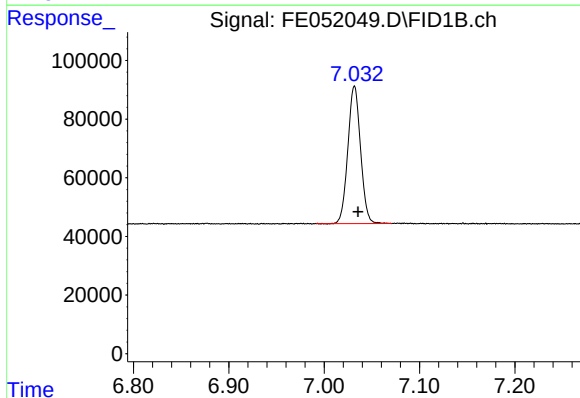
#1 N-OCTANE

R.T.: 2.409 min
Delta R.T.: -0.003 min
Response: 358412
Conc: 4.20 ug/ml



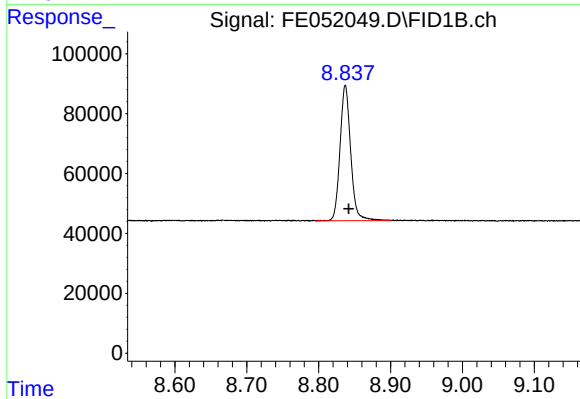
#2 N-DECANE

R.T.: 4.904 min
Delta R.T.: -0.003 min
Response: 412577
Conc: 4.51 ug/ml



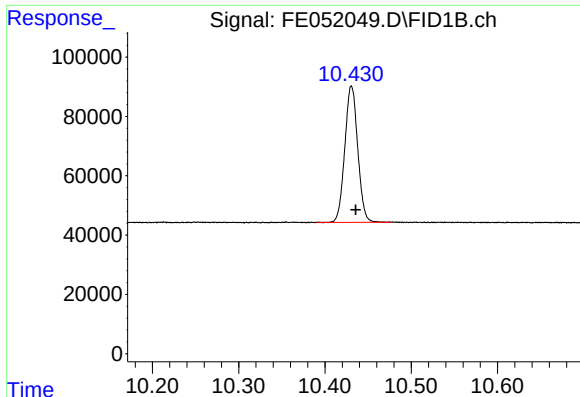
#3 N-DODECANE

R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 436413
Conc: 4.37 ug/ml



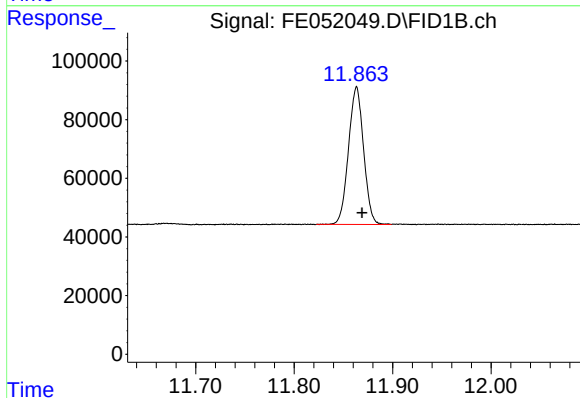
#4 N-TETRADECANE

R.T.: 8.837 min
Delta R.T.: -0.005 min
Response: 463963
Conc: 4.56 ug/ml



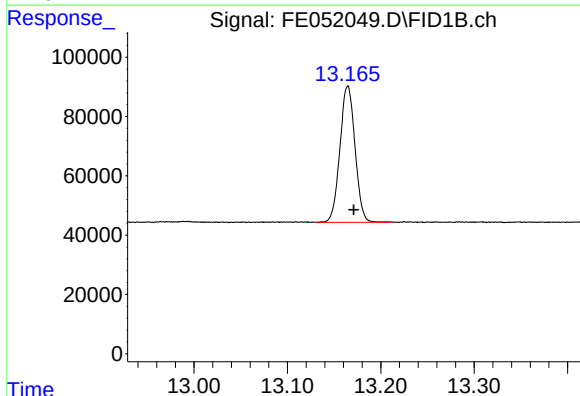
#5 N-HEXADECANE

R.T.: 10.431 min
Delta R.T.: -0.005 min
Response: 478824
Conc: 4.49 ug/ml



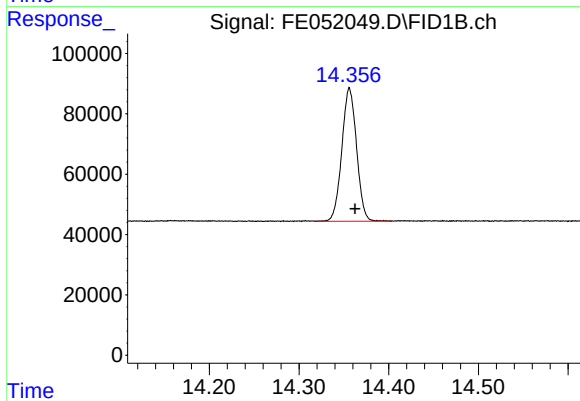
#6 N-OCTADECANE

R.T.: 11.863 min
Delta R.T.: -0.006 min
Response: 498740
Conc: 4.45 ug/ml



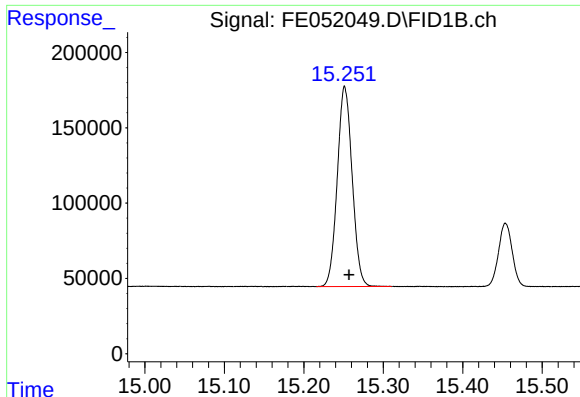
#7 N-EICOSANE

R.T.: 13.165 min
Delta R.T.: -0.006 min
Response: 515660
Conc: 4.63 ug/ml



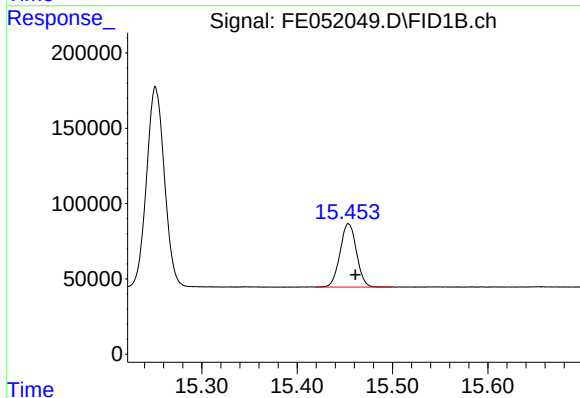
#8 N-DOCOSANE

R.T.: 14.356 min
Delta R.T.: -0.006 min
Response: 503993
Conc: 4.54 ug/ml



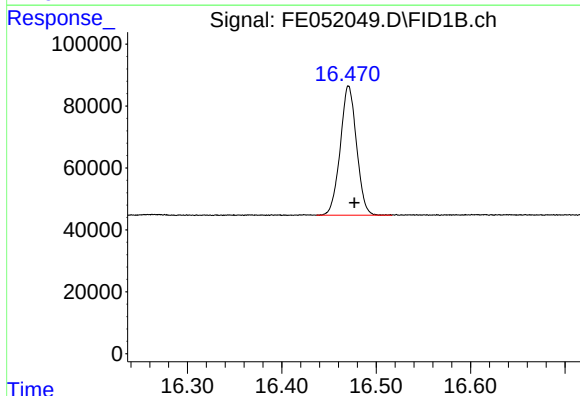
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.251 min
Delta R.T.: -0.006 min
Response: 1727105
Conc: 17.34 ug/ml



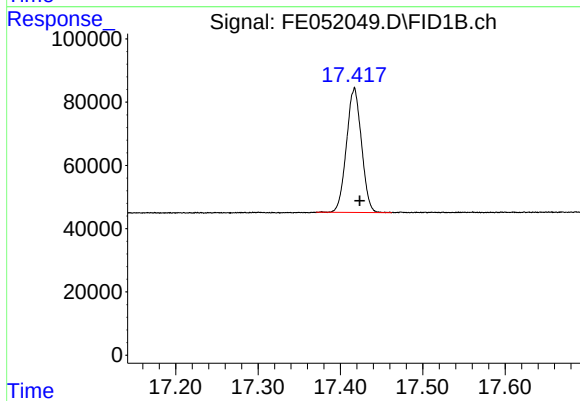
#10 N-TETRACOSANE

R.T.: 15.454 min
Delta R.T.: -0.007 min
Response: 504450
Conc: 4.56 ug/ml



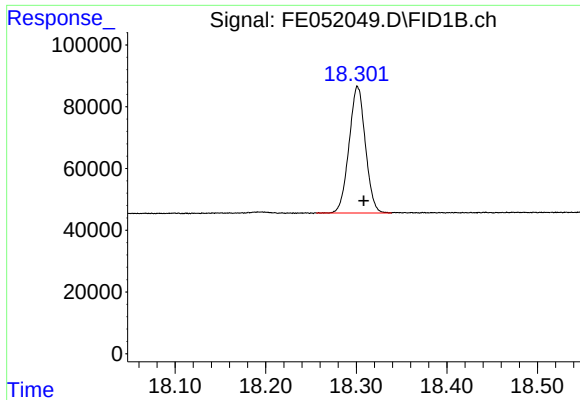
#11 N-HEXACOSANE

R.T.: 16.471 min
Delta R.T.: -0.006 min
Response: 501252
Conc: 4.60 ug/ml



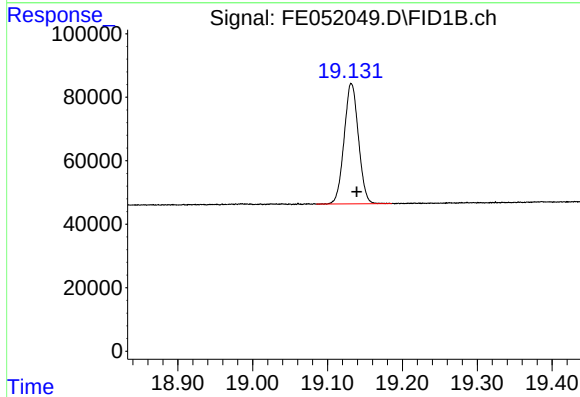
#12 N-OCTACOSANE

R.T.: 17.417 min
Delta R.T.: -0.007 min
Response: 498693
Conc: 4.62 ug/ml



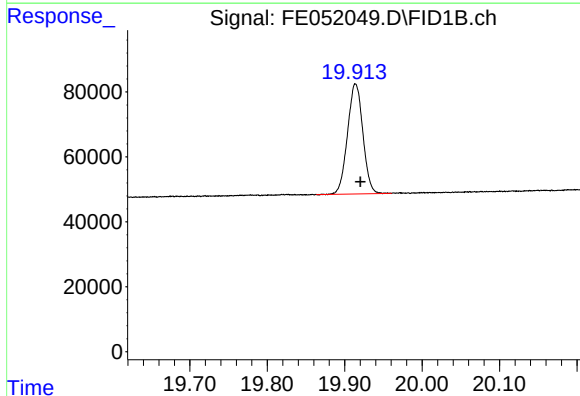
#13 N-TRIACONTANE

R.T.: 18.302 min
Delta R.T.: -0.007 min
Response: 512997
Conc: 4.78 ug/ml



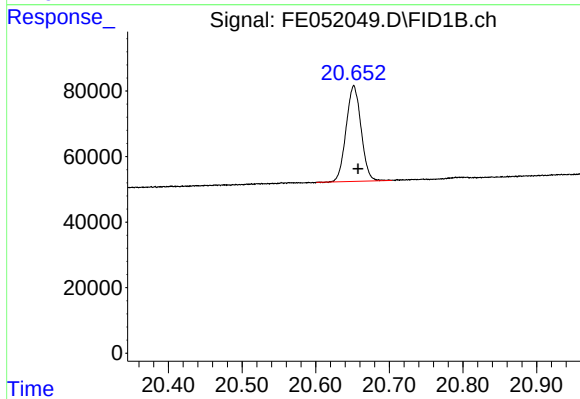
#14 N-DOTRIACONTANE

R.T.: 19.132 min
Delta R.T.: -0.007 min
Response: 504169
Conc: 4.83 ug/ml



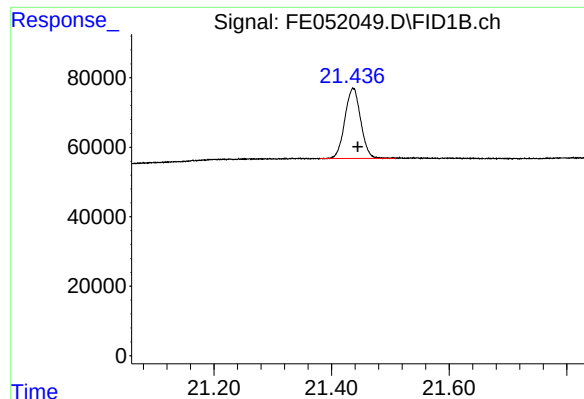
#15 N-TETRATRIACONTANE

R.T.: 19.914 min
Delta R.T.: -0.006 min
Response: 467708
Conc: 4.98 ug/ml



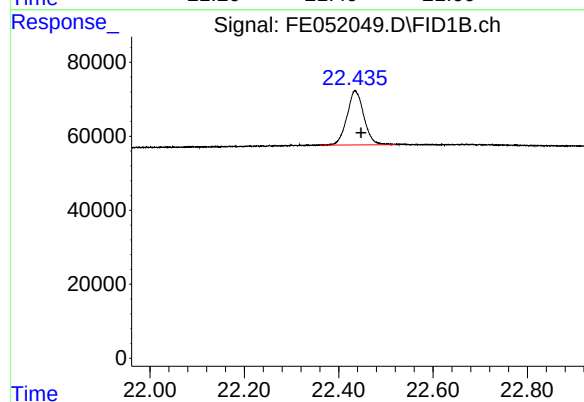
#16 N-HEXATRIACONTANE

R.T.: 20.652 min
Delta R.T.: -0.006 min
Response: 411439
Conc: 5.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.437 min
Delta R.T.: -0.008 min
Response: 378532
Conc: 5.07 ug/ml



#18 N-TETRACONTANE

R.T.: 22.435 min
Delta R.T.: -0.012 min
Response: 361002
Conc: 4.90 ug/ml