

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012325\
 Data File : FF015297.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 01:38
 Operator : YP\AJ
 Sample : Q1168-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-05-QT1-2025

Integration File: autoint1.e
 Quant Time: Jan 24 05:06:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 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...	15.020	1997381	15.254 ug/ml
Target Compounds			
1) N-OCTANE	2.037	580949	4.364 ug/ml
2) N-DECANE	4.568	625801	4.696 ug/ml
3) N-DODECANE	6.733	622610	4.552 ug/ml
4) N-TETRADECANE	8.559	601575	4.607 ug/ml
5) N-HEXADECANE	10.165	587430	4.375 ug/ml
6) N-OCTADECANE	11.608	593742	4.045 ug/ml
7) N-EICOSANE	12.918	594783	4.068 ug/ml
8) N-DOCOSANE	14.118	573733	3.962 ug/ml
10) N-TETRACOSANE	15.222	569911	3.936 ug/ml
11) N-HEXACOSANE	16.245	551732	3.916 ug/ml
12) N-OCTACOSANE	17.196	538312	3.928 ug/ml
13) N-TRIACONTANE	18.085	543324	4.085 ug/ml
14) N-DOTRIACONTANE	18.920	535940	4.219 ug/ml
15) N-TETRATRIACONTANE	19.706	494983	4.467 ug/ml
16) N-HEXATRIACONTANE	20.445	429640	4.753 ug/ml
17) N-OCTATRIACONTANE	21.186	394752	4.885 ug/ml
18) N-TETRACONTANE	22.104	358041	4.720 ug/ml

(f)=RT Delta > 1/2 Window

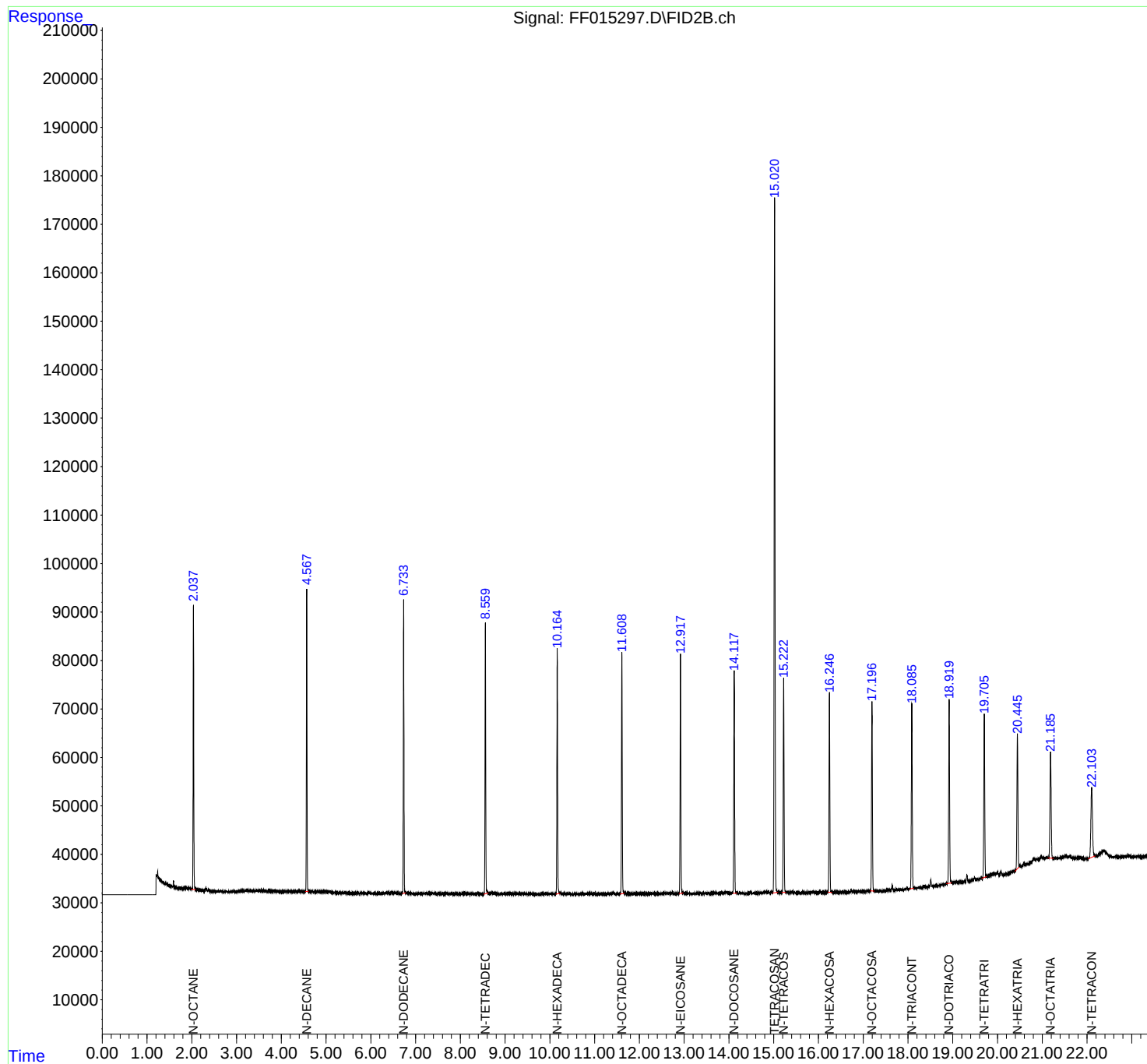
(m)=manual int.

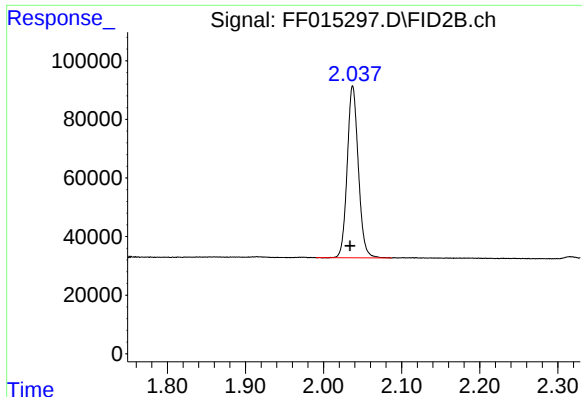
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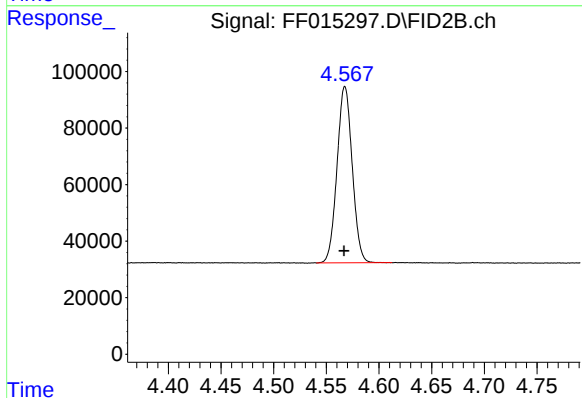




#1 N-OCTANE

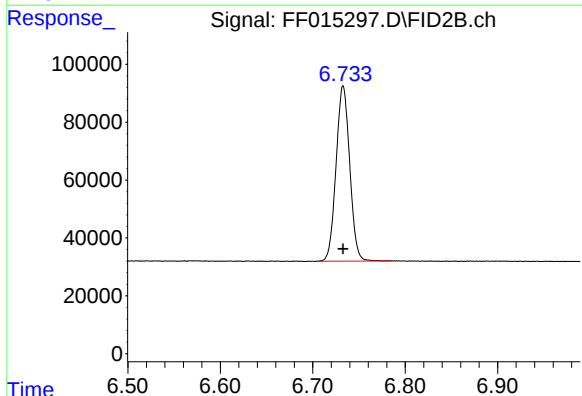
R.T.: 2.037 min
Delta R.T.: 0.003 min
Response: 580949
Conc: 4.36 ug/ml

Instrument :
FID_F
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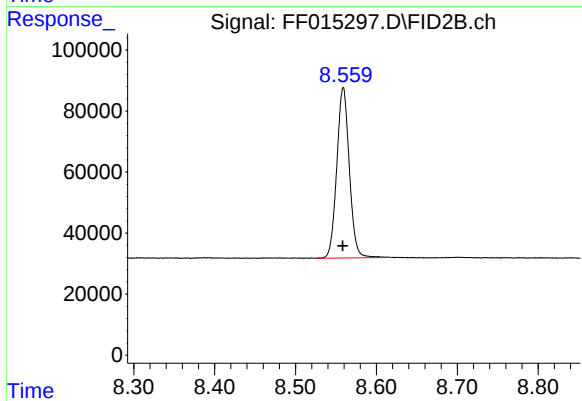
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 625801
Conc: 4.70 ug/ml



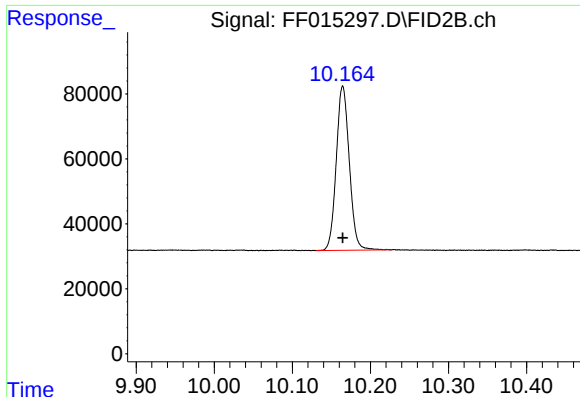
#3 N-DODECANE

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 622610
Conc: 4.55 ug/ml



#4 N-TETRADECANE

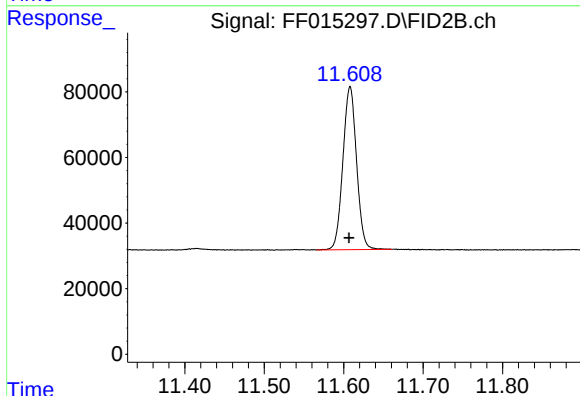
R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 601575
Conc: 4.61 ug/ml



#5 N-HEXADECANE

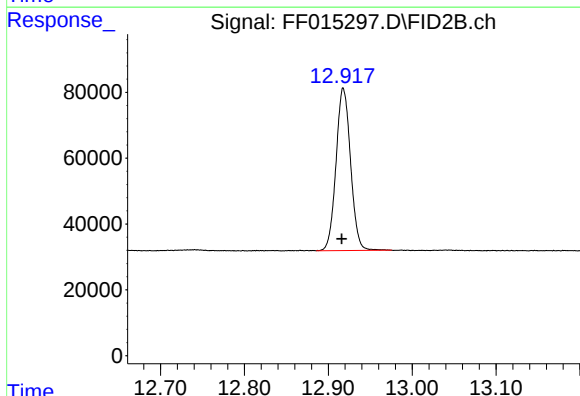
R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 587430
Conc: 4.38 ug/ml

Instrument :
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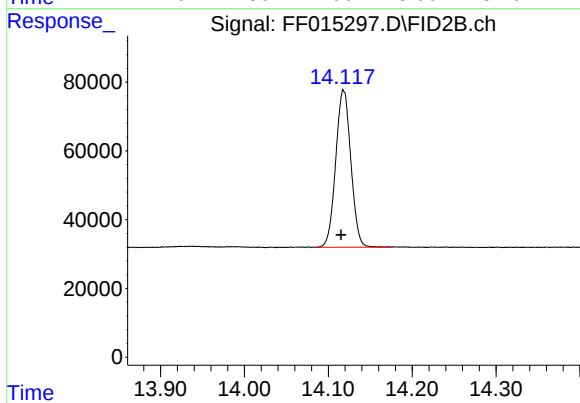
#6 N-OCTADECANE

R.T.: 11.608 min
Delta R.T.: 0.001 min
Response: 593742
Conc: 4.04 ug/ml



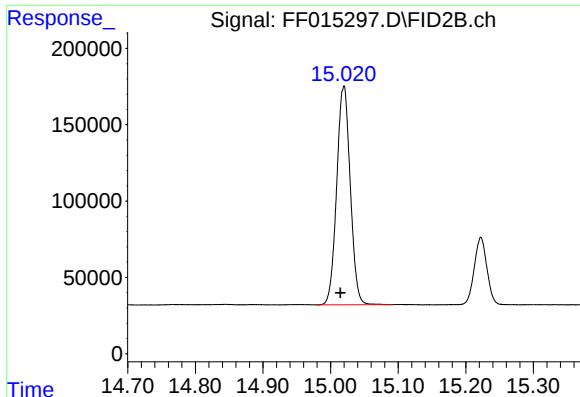
#7 N-EICOSANE

R.T.: 12.918 min
Delta R.T.: 0.002 min
Response: 594783
Conc: 4.07 ug/ml



#8 N-DOCOSANE

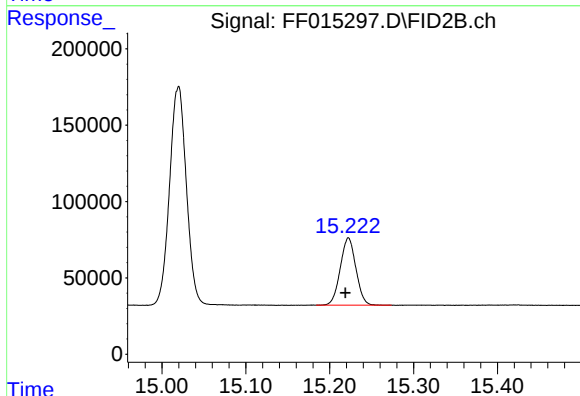
R.T.: 14.118 min
Delta R.T.: 0.003 min
Response: 573733
Conc: 3.96 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

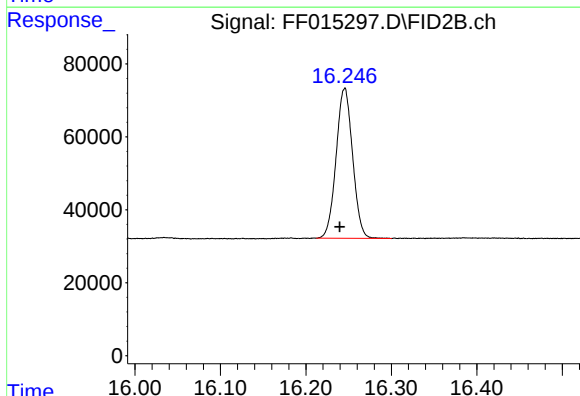
R.T.: 15.020 min
Delta R.T.: 0.005 min
Response: 1997381
Conc: 15.25 ug/ml

Instrument :
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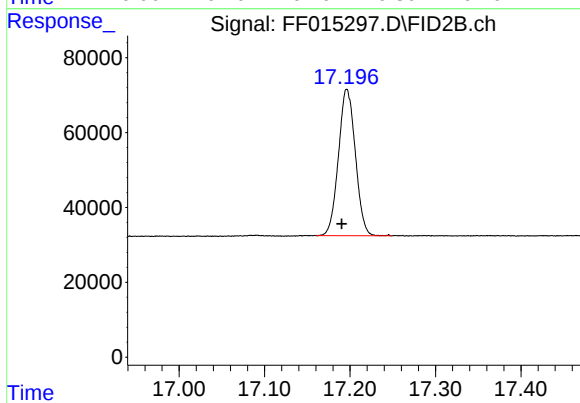
#10 N-TETRACOSANE

R.T.: 15.222 min
Delta R.T.: 0.003 min
Response: 569911
Conc: 3.94 ug/ml



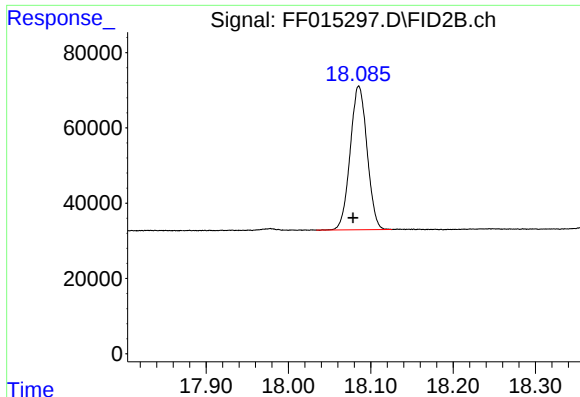
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: 0.006 min
Response: 551732
Conc: 3.92 ug/ml



#12 N-OCTACOSANE

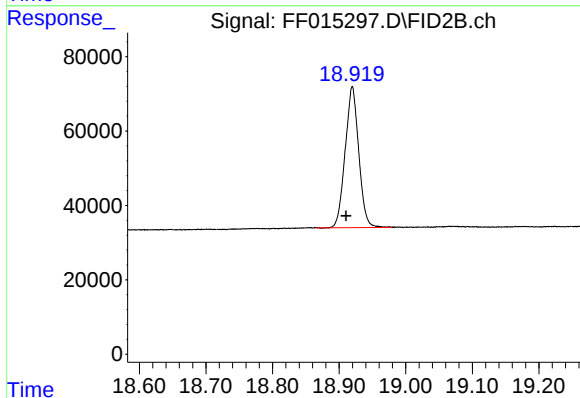
R.T.: 17.196 min
Delta R.T.: 0.006 min
Response: 538312
Conc: 3.93 ug/ml



#13 N-TRIACONTANE

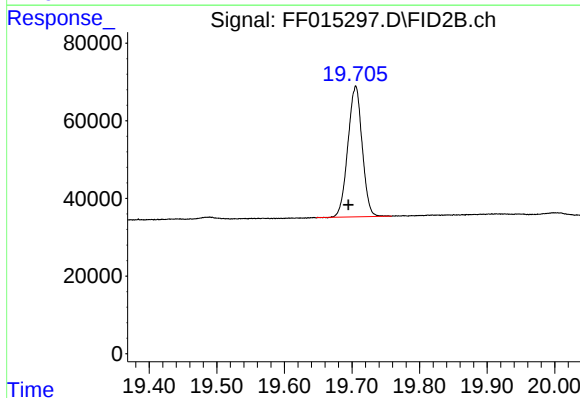
R.T.: 18.085 min
Delta R.T.: 0.007 min
Response: 543324
Conc: 4.08 ug/ml

Instrument :
FID_F
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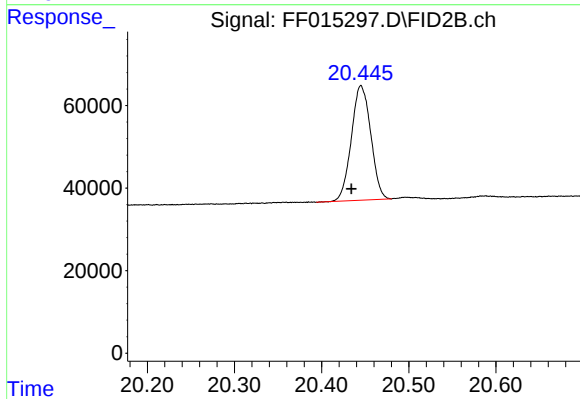
#14 N-DOTRIACONTANE

R.T.: 18.920 min
Delta R.T.: 0.009 min
Response: 535940
Conc: 4.22 ug/ml



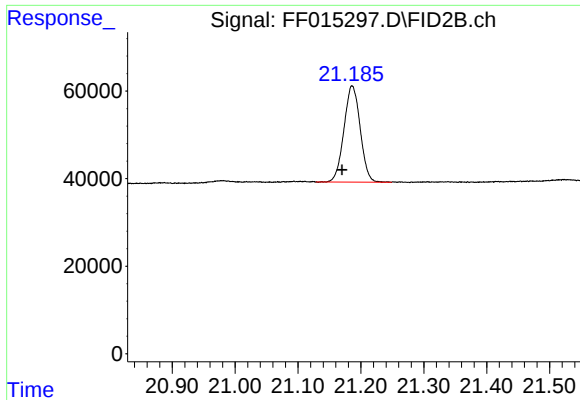
#15 N-TETRATRIACONTANE

R.T.: 19.706 min
Delta R.T.: 0.011 min
Response: 494983
Conc: 4.47 ug/ml



#16 N-HEXATRIACONTANE

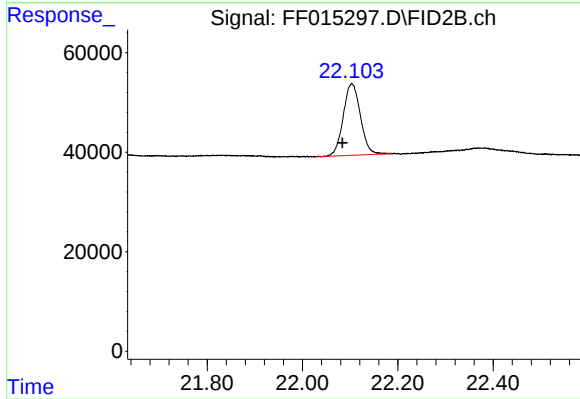
R.T.: 20.445 min
Delta R.T.: 0.011 min
Response: 429640
Conc: 4.75 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.186 min
Delta R.T.: 0.016 min
Response: 394752
Conc: 4.88 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.104 min
Delta R.T.: 0.020 min
Response: 358041
Conc: 4.72 ug/ml