

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925\
 Data File : FE052165.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2025 17:37
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 31 02:05:25 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...	15.270	4469288	44.873 ug/ml
Target Compounds			
1) N-OCTANE	2.436	3952821	46.352 ug/ml
2) N-DECANE	4.931	4216284	46.077 ug/ml
3) N-DODECANE	7.057	4551437	45.553 ug/ml
4) N-TETRADECANE	8.861	4594304	45.154 ug/ml
5) N-HEXADECANE	10.453	4794000	44.989 ug/ml
6) N-OCTADECANE	11.885	5043328	44.981 ug/ml
7) N-EICOSANE	13.186	5002019	44.910 ug/ml
8) N-DOCOSANE	14.377	4968274	44.747 ug/ml
10) N-TETRACOSANE	15.474	4967443	44.909 ug/ml
11) N-HEXACOSANE	16.489	4896154	44.915 ug/ml
12) N-OCTACOSANE	17.434	4844042	44.877 ug/ml
13) N-TRIACONTANE	18.319	4803388	44.766 ug/ml
14) N-DOTRIACONTANE	19.148	4682345	44.843 ug/ml
15) N-TETRATRIACONTANE	19.928	4416678	47.034 ug/ml
16) N-HEXATRIACONTANE	20.664	4066110	50.353 ug/ml
17) N-OCTATRIACONTANE	21.453	4078874	54.669 ug/ml
18) N-TETRACONTANE	22.457	4247498	57.675 ug/ml

(f)=RT Delta > 1/2 Window

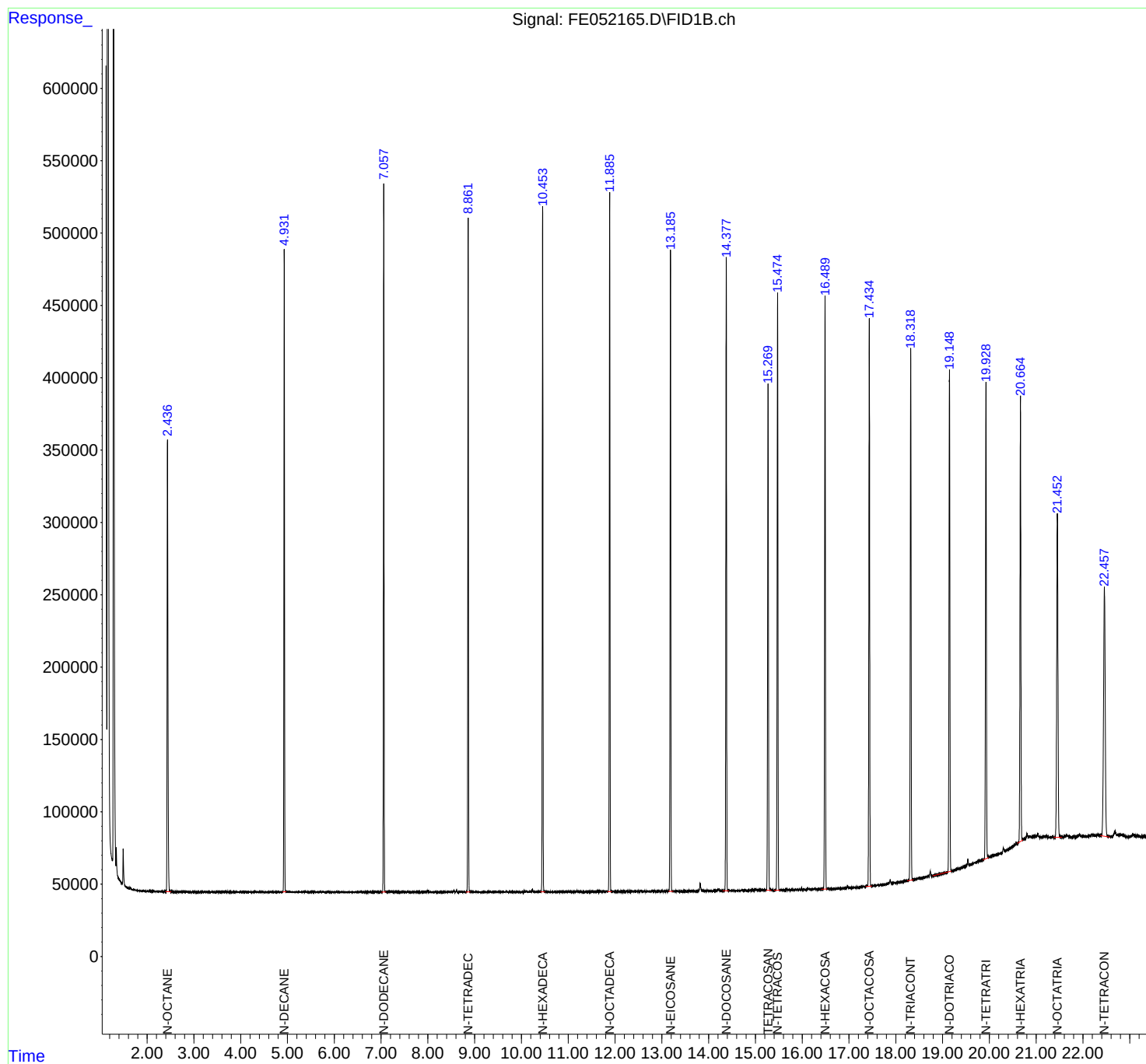
(m)=manual int.

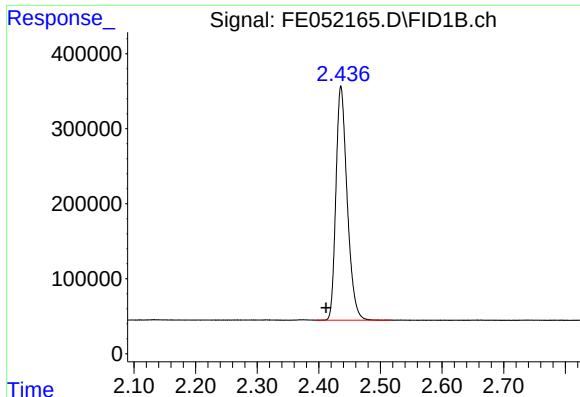
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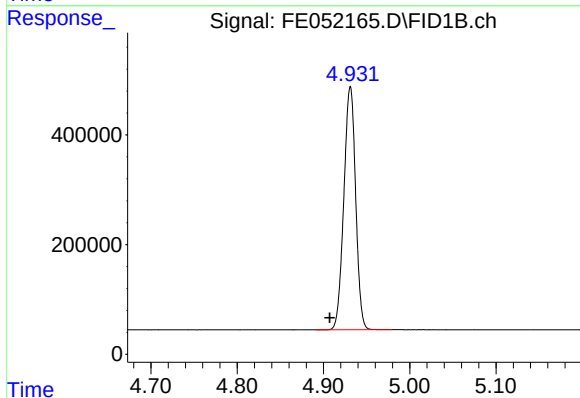




#1 N-OCTANE

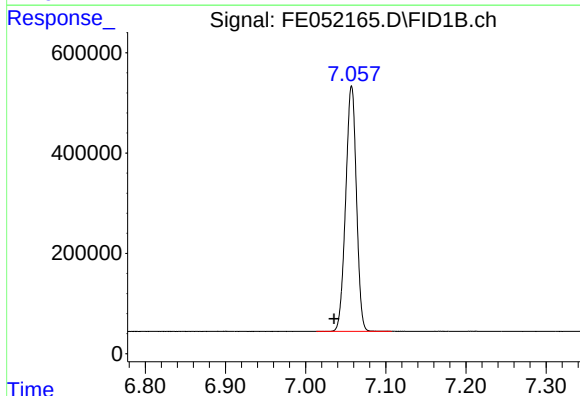
R.T.: 2.436 min
Delta R.T.: 0.024 min
Response: 3952821
Conc: 46.35 ug/ml

Instrument :
FID_E
ClientSampleId :



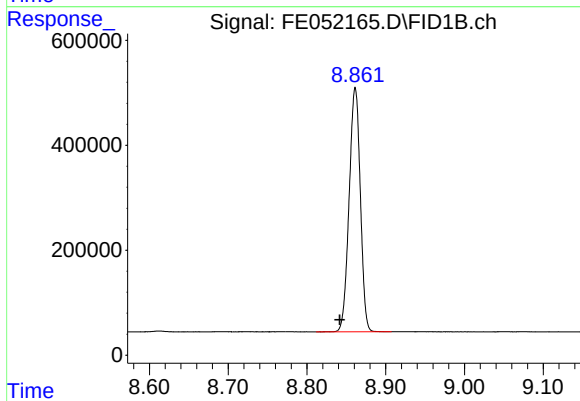
#2 N-DECANE

R.T.: 4.931 min
Delta R.T.: 0.024 min
Response: 4216284
Conc: 46.08 ug/ml



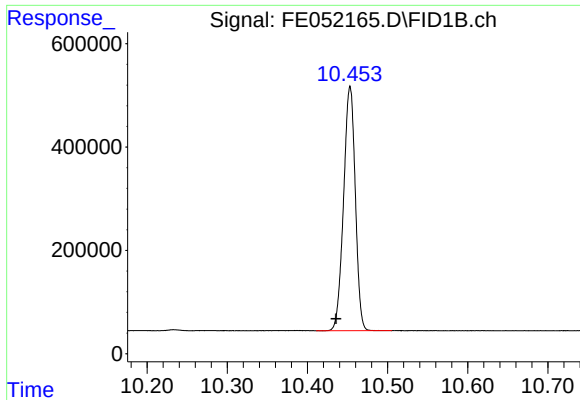
#3 N-DODECANE

R.T.: 7.057 min
Delta R.T.: 0.022 min
Response: 4551437
Conc: 45.55 ug/ml



#4 N-TETRADECANE

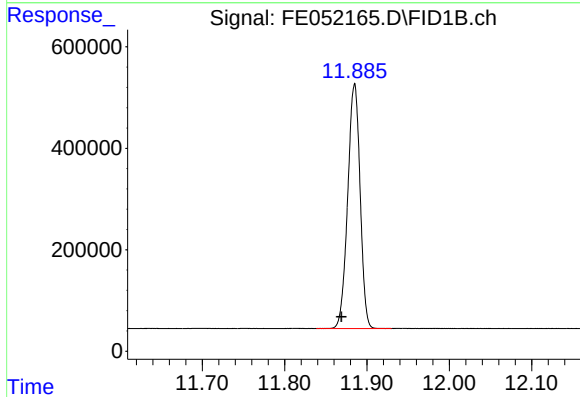
R.T.: 8.861 min
Delta R.T.: 0.020 min
Response: 4594304
Conc: 45.15 ug/ml



#5 N-HEXADECANE

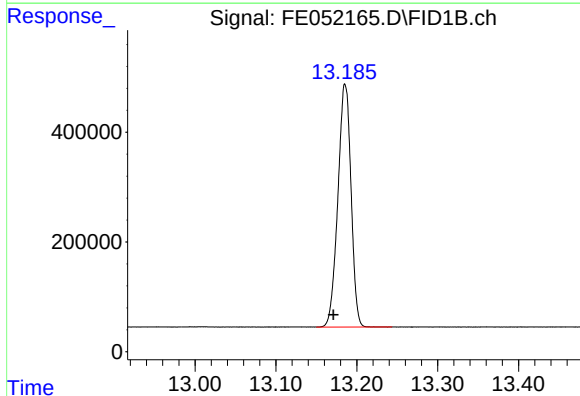
R.T.: 10.453 min
Delta R.T.: 0.018 min
Response: 4794000
Conc: 44.99 ug/ml

Instrument :
FID_E
ClientSampleId :



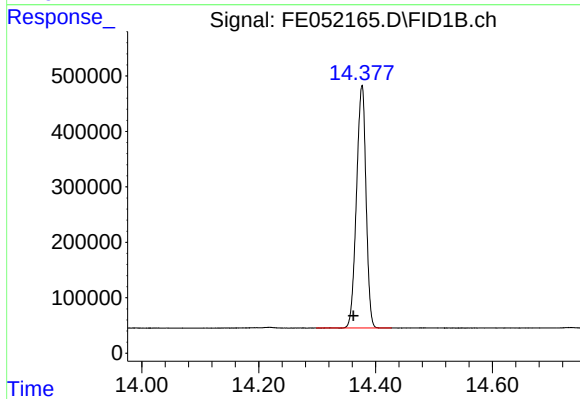
#6 N-OCTADECANE

R.T.: 11.885 min
Delta R.T.: 0.016 min
Response: 5043328
Conc: 44.98 ug/ml



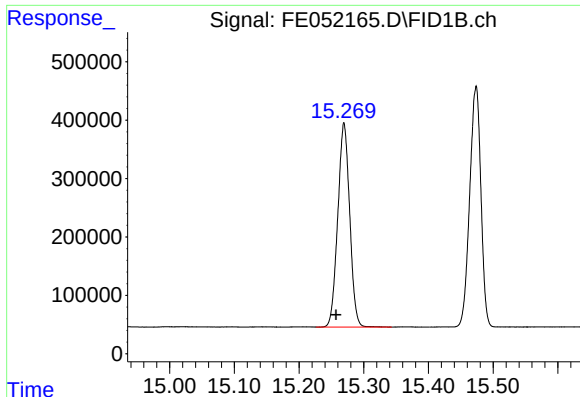
#7 N-EICOSANE

R.T.: 13.186 min
Delta R.T.: 0.015 min
Response: 5002019
Conc: 44.91 ug/ml



#8 N-DOCOSANE

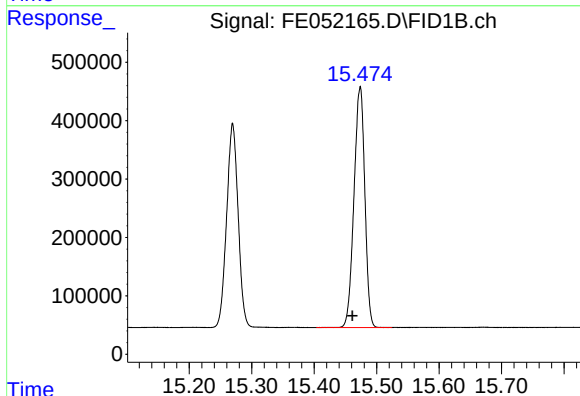
R.T.: 14.377 min
Delta R.T.: 0.014 min
Response: 4968274
Conc: 44.75 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

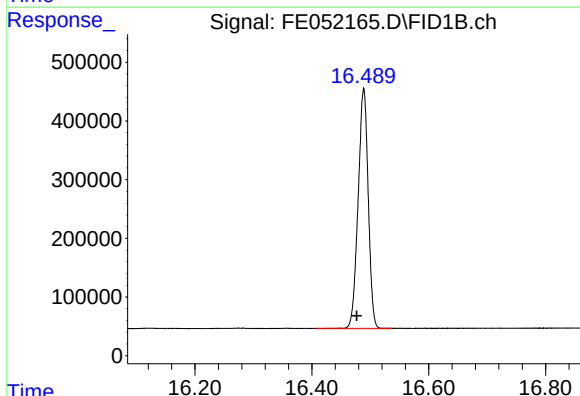
R.T.: 15.270 min
Delta R.T.: 0.013 min
Response: 4469288
Conc: 44.87 ug/ml

Instrument :
FID_E
ClientSampleId :



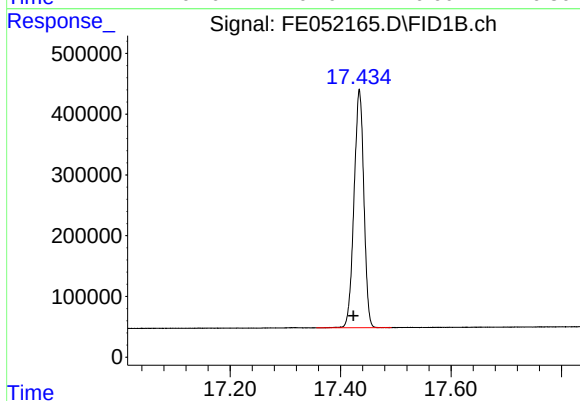
#10 N-TETRACOSANE

R.T.: 15.474 min
Delta R.T.: 0.013 min
Response: 4967443
Conc: 44.91 ug/ml



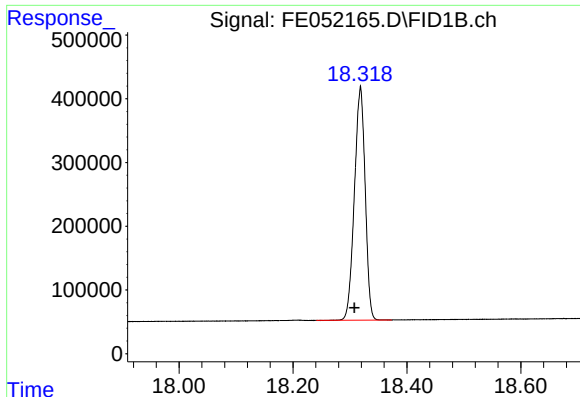
#11 N-HEXACOSANE

R.T.: 16.489 min
Delta R.T.: 0.012 min
Response: 4896154
Conc: 44.91 ug/ml



#12 N-OCTACOSANE

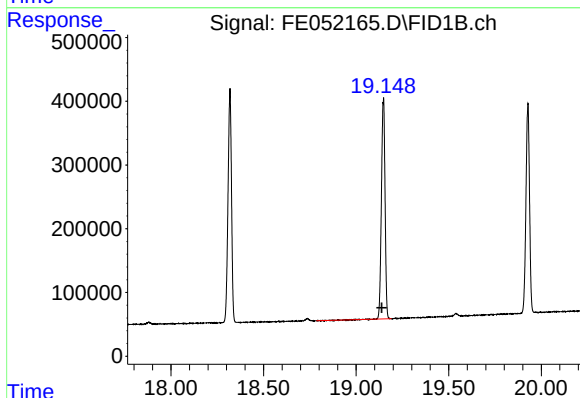
R.T.: 17.434 min
Delta R.T.: 0.010 min
Response: 4844042
Conc: 44.88 ug/ml



#13 N-TRIACONTANE

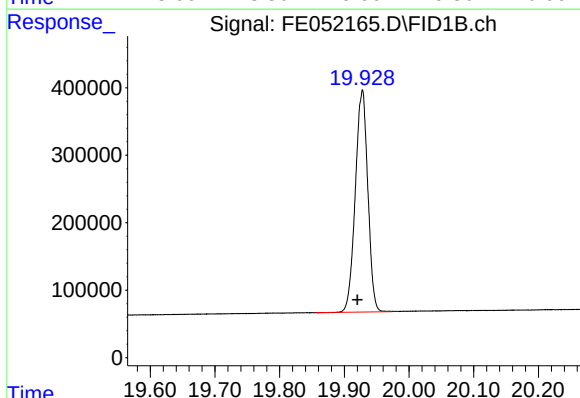
R.T.: 18.319 min
Delta R.T.: 0.011 min
Response: 4803388
Conc: 44.77 ug/ml

Instrument :
FID_E
ClientSampleId :



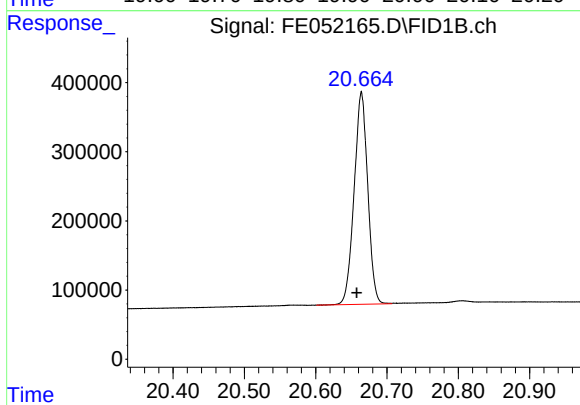
#14 N-DOTRIACONTANE

R.T.: 19.148 min
Delta R.T.: 0.009 min
Response: 4682345
Conc: 44.84 ug/ml



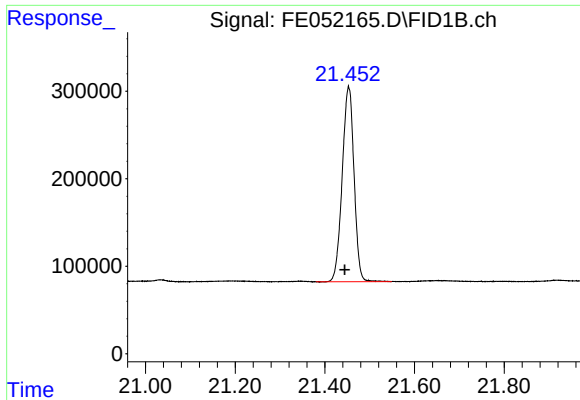
#15 N-TETRATRIACONTANE

R.T.: 19.928 min
Delta R.T.: 0.008 min
Response: 4416678
Conc: 47.03 ug/ml



#16 N-HEXATRIACONTANE

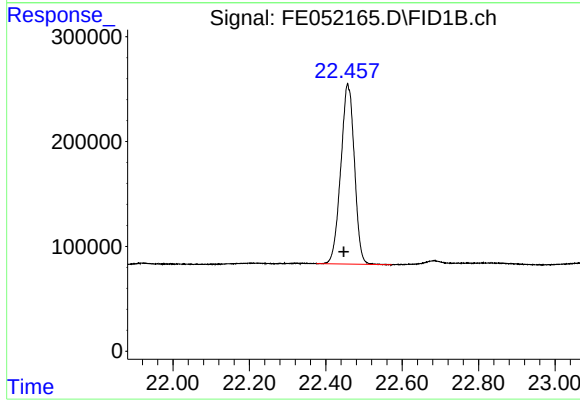
R.T.: 20.664 min
Delta R.T.: 0.007 min
Response: 4066110
Conc: 50.35 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.453 min
Delta R.T.: 0.009 min
Response: 4078874
Conc: 54.67 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.457 min
Delta R.T.: 0.010 min
Response: 4247498
Conc: 57.68 ug/ml