

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
 Data File : FE052168.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2025 10:26
 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: Feb 03 00:07:30 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...	15.275	4578853	45.973 ug/ml
Target Compounds			
1) N-OCTANE	2.440	3999621	46.901 ug/ml
2) N-DECANE	4.934	4273136	46.699 ug/ml
3) N-DODECANE	7.061	4628141	46.321 ug/ml
4) N-TETRADECANE	8.865	4676456	45.961 ug/ml
5) N-HEXADECANE	10.457	4890327	45.893 ug/ml
6) N-OCTADECANE	11.889	5152055	45.951 ug/ml
7) N-EICOSANE	13.190	5111168	45.890 ug/ml
8) N-DOCOSANE	14.381	5088936	45.834 ug/ml
10) N-TETRACOSANE	15.479	5083452	45.958 ug/ml
11) N-HEXACOSANE	16.494	5012750	45.984 ug/ml
12) N-OCTACOSANE	17.440	4966241	46.010 ug/ml
13) N-TRIACONTANE	18.323	4928771	45.935 ug/ml
14) N-DOTRIACONTANE	19.154	4846203	46.412 ug/ml
15) N-TETRATRIACONTANE	19.933	4523853	48.175 ug/ml
16) N-HEXATRIACONTANE	20.672	4163902	51.564 ug/ml
17) N-OCTATRIACONTANE	21.461	4130458	55.361 ug/ml
18) N-TETRACONTANE	22.470	4265772	57.923 ug/ml

(f)=RT Delta > 1/2 Window

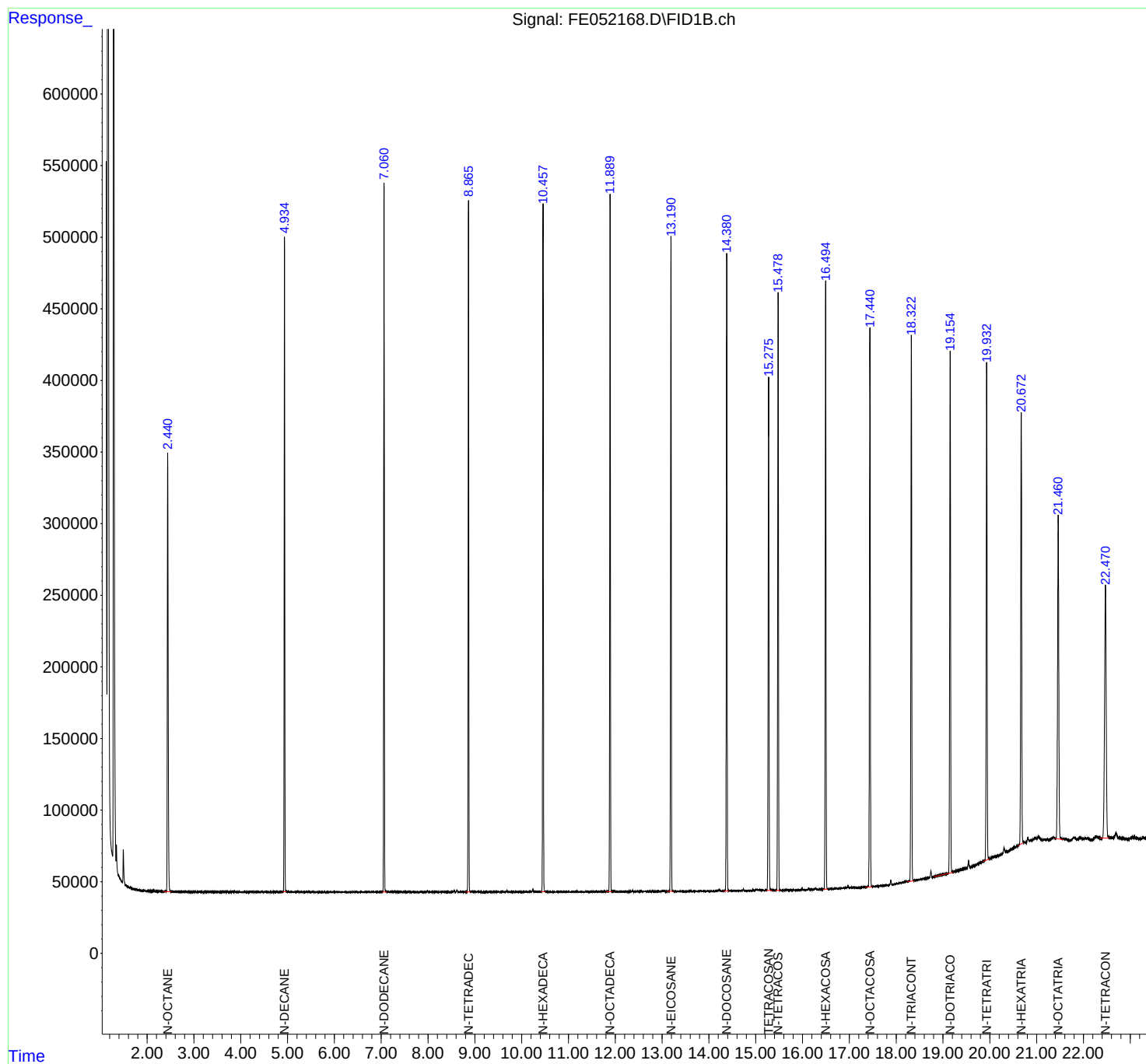
(m)=manual int.

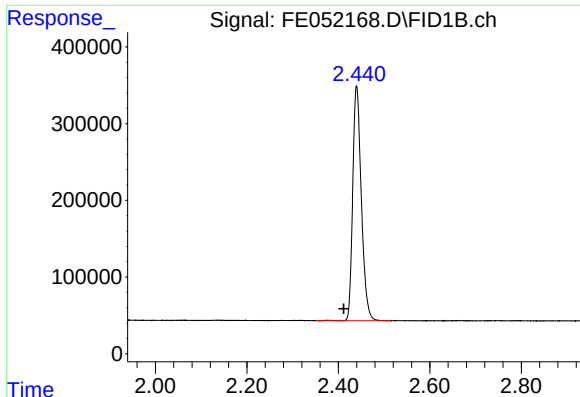
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

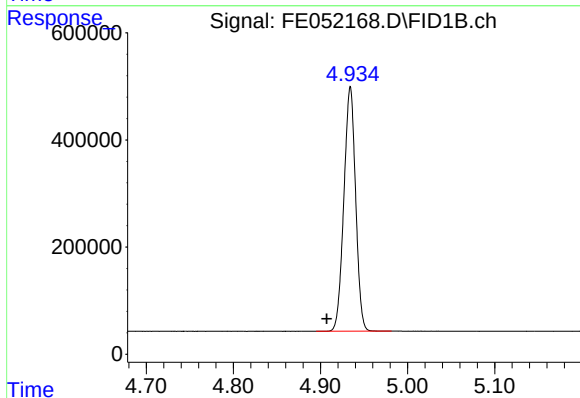




#1 N-OCTANE

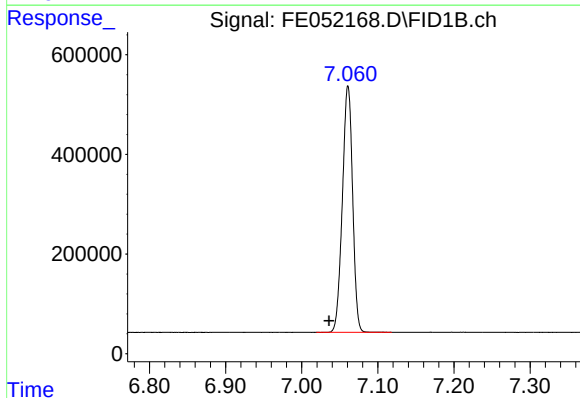
R.T.: 2.440 min
Delta R.T.: 0.028 min
Response: 3999621
Conc: 46.90 ug/ml

Instrument :
FID_E
ClientSampleId :



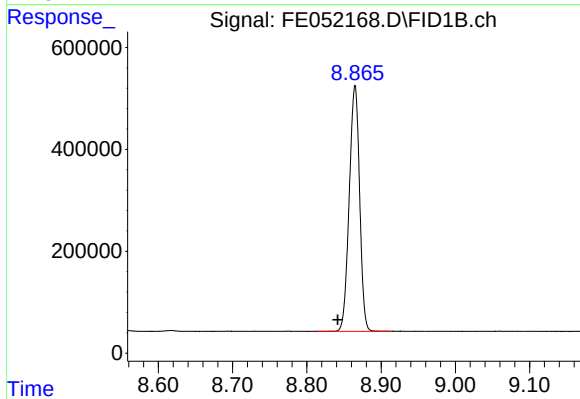
#2 N-DECANE

R.T.: 4.934 min
Delta R.T.: 0.027 min
Response: 4273136
Conc: 46.70 ug/ml



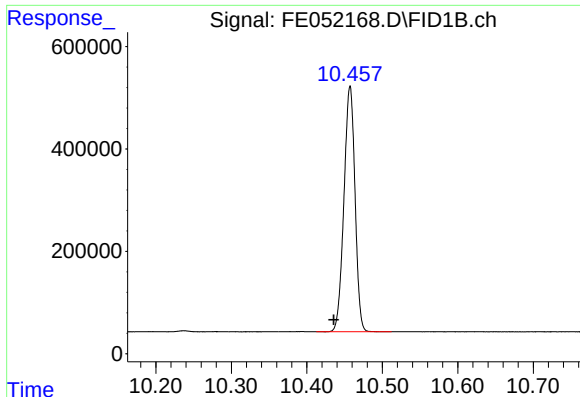
#3 N-DODECANE

R.T.: 7.061 min
Delta R.T.: 0.025 min
Response: 4628141
Conc: 46.32 ug/ml



#4 N-TETRADECANE

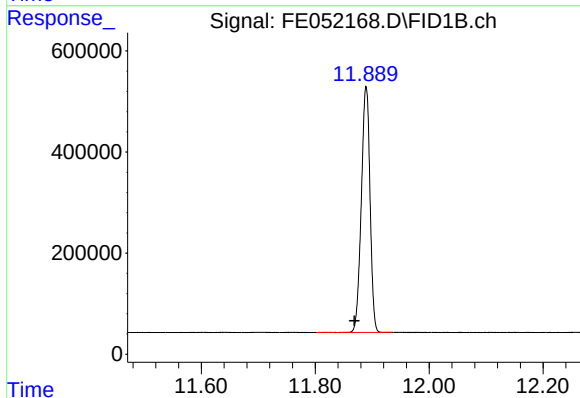
R.T.: 8.865 min
Delta R.T.: 0.023 min
Response: 4676456
Conc: 45.96 ug/ml



#5 N-HEXADECANE

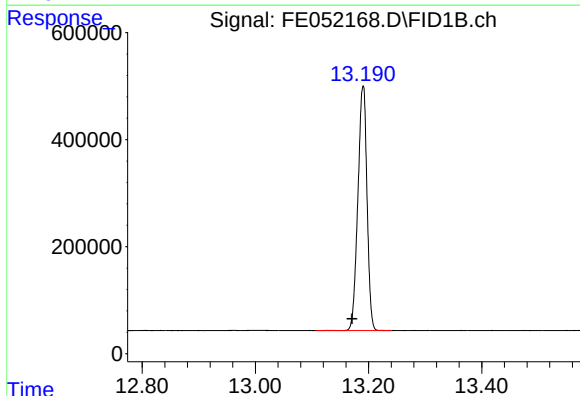
R.T.: 10.457 min
Delta R.T.: 0.022 min
Response: 4890327
Conc: 45.89 ug/ml

Instrument :
FID_E
ClientSampleId :



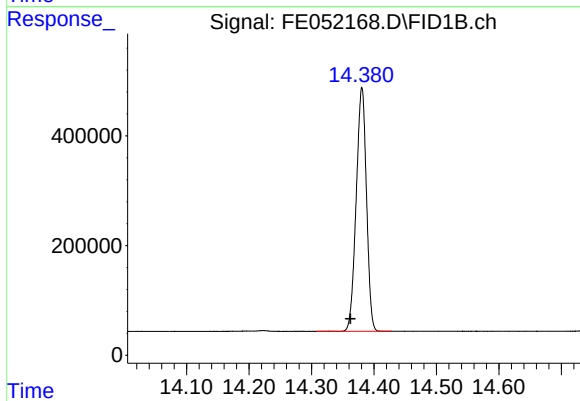
#6 N-OCTADECANE

R.T.: 11.889 min
Delta R.T.: 0.020 min
Response: 5152055
Conc: 45.95 ug/ml



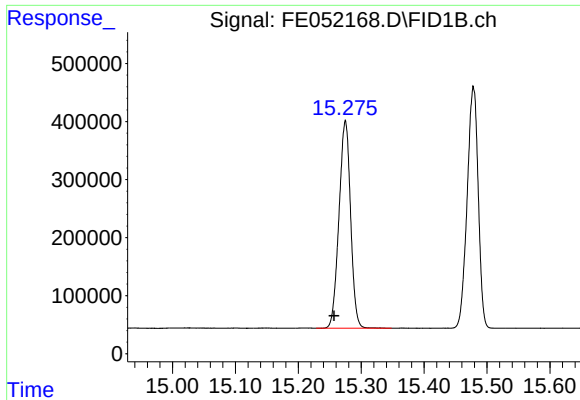
#7 N-EICOSANE

R.T.: 13.190 min
Delta R.T.: 0.019 min
Response: 5111168
Conc: 45.89 ug/ml



#8 N-DOCOSANE

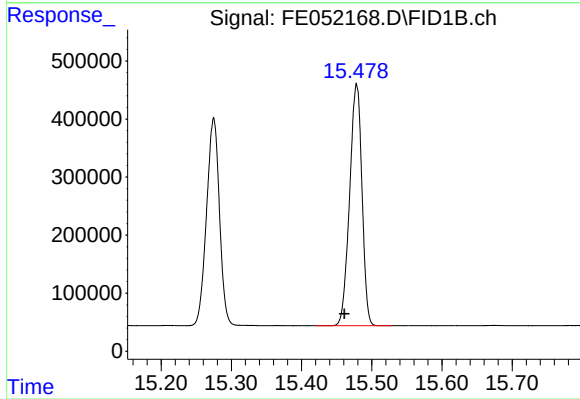
R.T.: 14.381 min
Delta R.T.: 0.018 min
Response: 5088936
Conc: 45.83 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

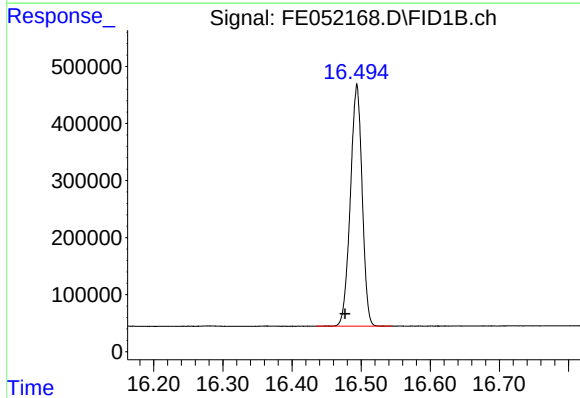
R.T.: 15.275 min
Delta R.T.: 0.018 min
Response: 4578853
Conc: 45.97 ug/ml

Instrument :
FID_E
ClientSampleId :



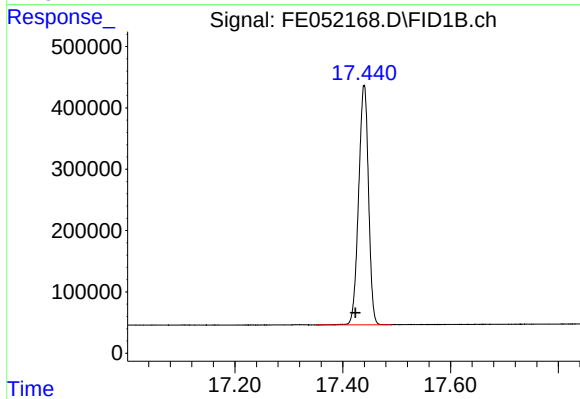
#10 N-TETRACOSANE

R.T.: 15.479 min
Delta R.T.: 0.017 min
Response: 5083452
Conc: 45.96 ug/ml



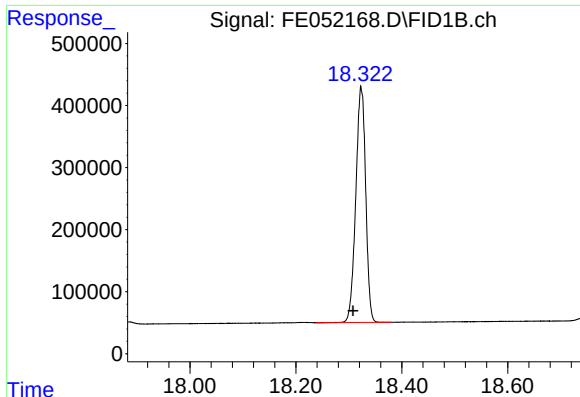
#11 N-HEXACOSANE

R.T.: 16.494 min
Delta R.T.: 0.017 min
Response: 5012750
Conc: 45.98 ug/ml



#12 N-OCTACOSANE

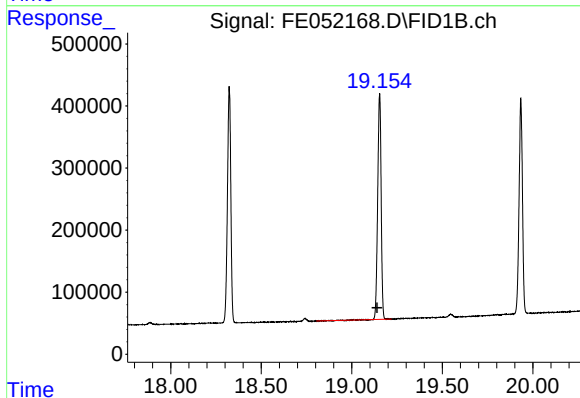
R.T.: 17.440 min
Delta R.T.: 0.016 min
Response: 4966241
Conc: 46.01 ug/ml



#13 N-TRIACONTANE

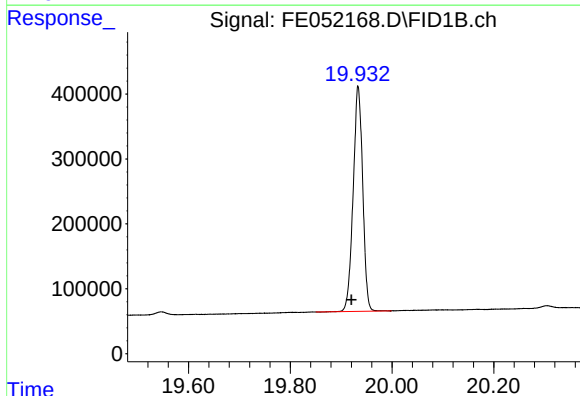
R.T.: 18.323 min
Delta R.T.: 0.015 min
Response: 4928771
Conc: 45.93 ug/ml

Instrument :
FID_E
ClientSampleId :



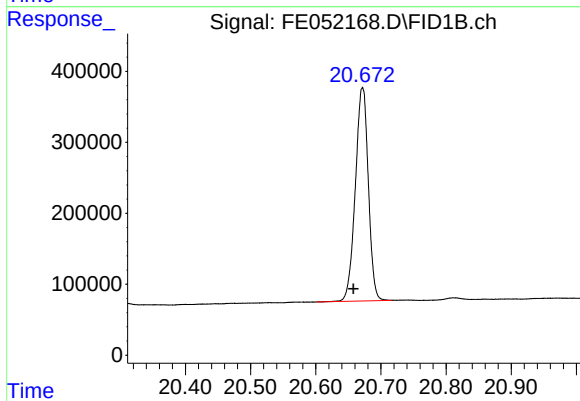
#14 N-DOTRIACONTANE

R.T.: 19.154 min
Delta R.T.: 0.015 min
Response: 4846203
Conc: 46.41 ug/ml



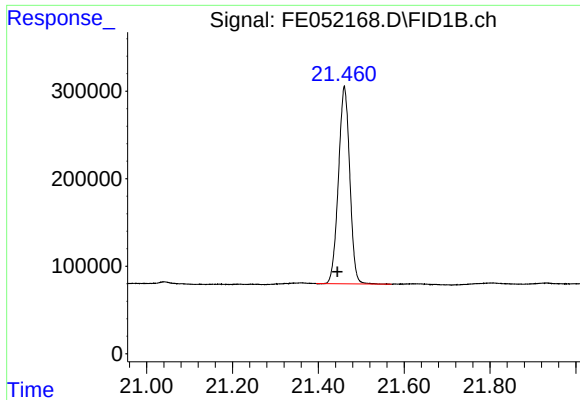
#15 N-TETRATRIACONTANE

R.T.: 19.933 min
Delta R.T.: 0.013 min
Response: 4523853
Conc: 48.17 ug/ml



#16 N-HEXATRIACONTANE

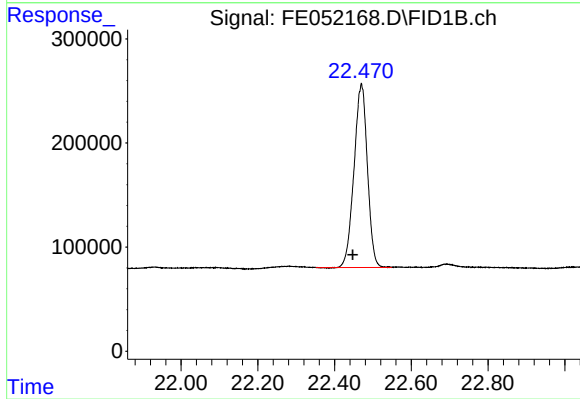
R.T.: 20.672 min
Delta R.T.: 0.014 min
Response: 4163902
Conc: 51.56 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.461 min
Delta R.T.: 0.016 min
Response: 4130458
Conc: 55.36 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.470 min
Delta R.T.: 0.023 min
Response: 4265772
Conc: 57.92 ug/ml