

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925\
 Data File : FE052152.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2025 11:00
 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 02:00:49 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...	15.273	4388967	44.067 ug/ml
Target Compounds			
1) N-OCTANE	2.442	3897951	45.708 ug/ml
2) N-DECANE	4.936	4154331	45.400 ug/ml
3) N-DODECANE	7.063	4475840	44.796 ug/ml
4) N-TETRADECANE	8.866	4514219	44.367 ug/ml
5) N-HEXADECANE	10.458	4719750	44.292 ug/ml
6) N-OCTADECANE	11.890	4959940	44.237 ug/ml
7) N-EICOSANE	13.190	4907257	44.059 ug/ml
8) N-DOCOSANE	14.380	4873758	43.896 ug/ml
10) N-TETRACOSANE	15.478	4871879	44.045 ug/ml
11) N-HEXACOSANE	16.493	4804084	44.070 ug/ml
12) N-OCTACOSANE	17.438	4688759	43.439 ug/ml
13) N-TRIACONTANE	18.322	4714365	43.936 ug/ml
14) N-DOTRIACONTANE	19.151	4527484	43.360 ug/ml
15) N-TETRATRIACONTANE	19.932	4332355	46.136 ug/ml
16) N-HEXATRIACONTANE	20.668	4201143	52.025 ug/ml
17) N-OCTATRIACONTANE	21.457	3965233	53.146 ug/ml
18) N-TETRACONTANE	22.462	4345364	59.004 ug/ml

(f)=RT Delta > 1/2 Window

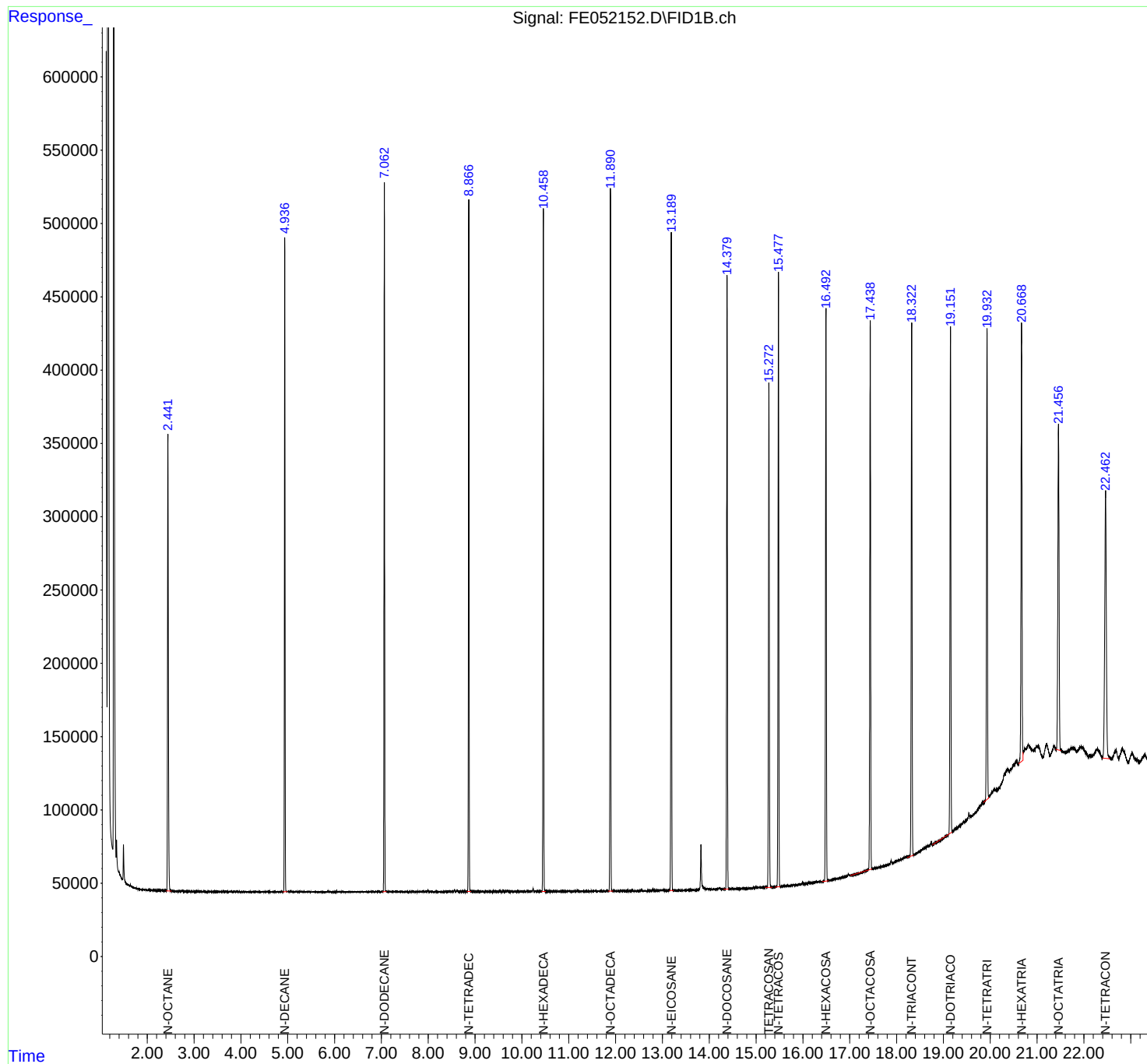
(m)=manual int.

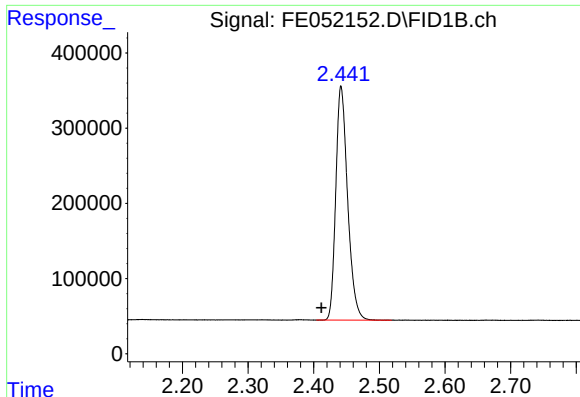
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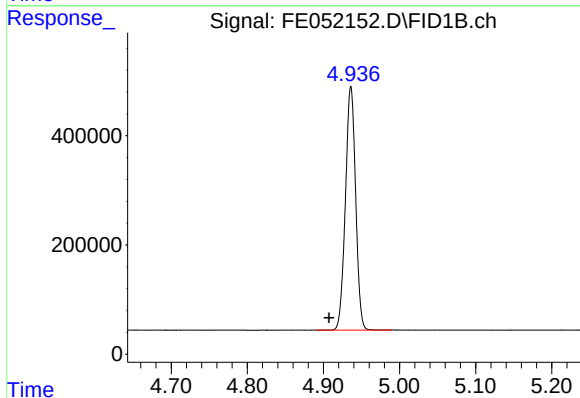




#1 N-OCTANE

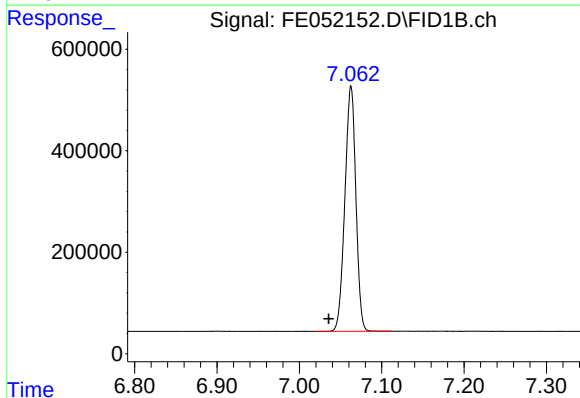
R.T.: 2.442 min
Delta R.T.: 0.030 min
Response: 3897951
Conc: 45.71 ug/ml

Instrument :
FID_E
ClientSampleId :



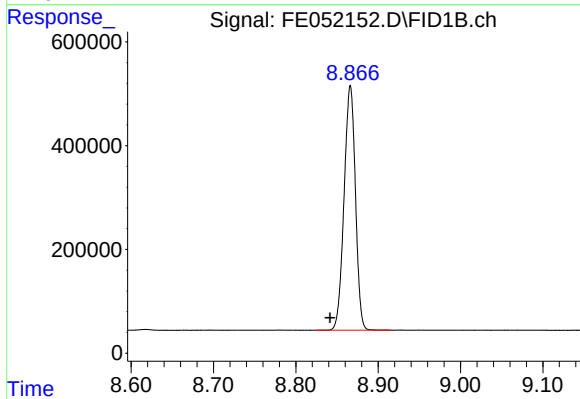
#2 N-DECANE

R.T.: 4.936 min
Delta R.T.: 0.029 min
Response: 4154331
Conc: 45.40 ug/ml



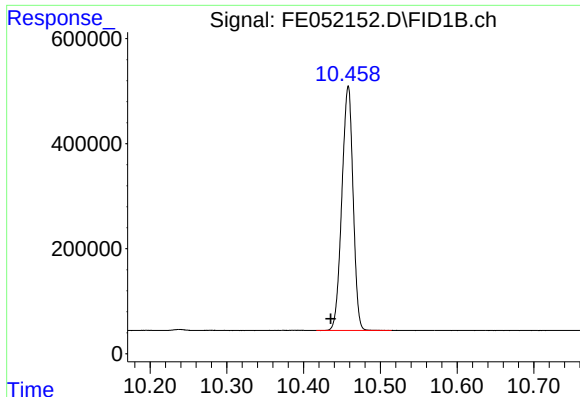
#3 N-DODECANE

R.T.: 7.063 min
Delta R.T.: 0.027 min
Response: 4475840
Conc: 44.80 ug/ml



#4 N-TETRADECANE

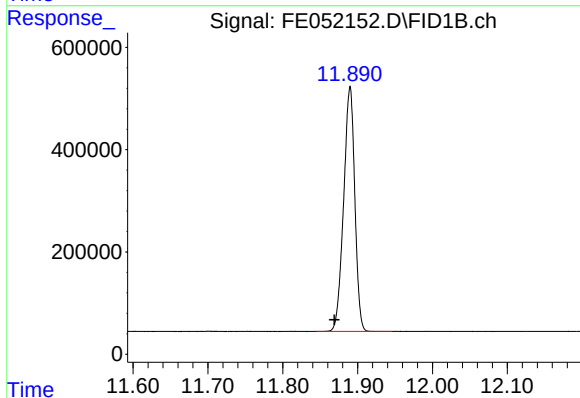
R.T.: 8.866 min
Delta R.T.: 0.025 min
Response: 4514219
Conc: 44.37 ug/ml



#5 N-HEXADECANE

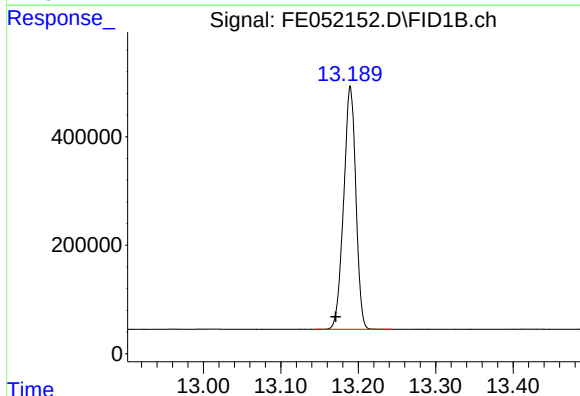
R.T.: 10.458 min
Delta R.T.: 0.023 min
Response: 4719750
Conc: 44.29 ug/ml

Instrument :
FID_E
ClientSampleId :



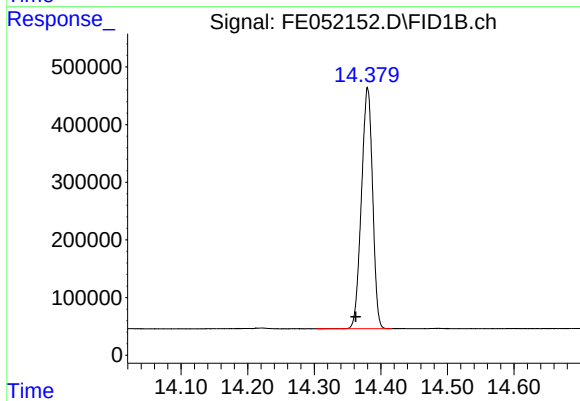
#6 N-OCTADECANE

R.T.: 11.890 min
Delta R.T.: 0.021 min
Response: 4959940
Conc: 44.24 ug/ml



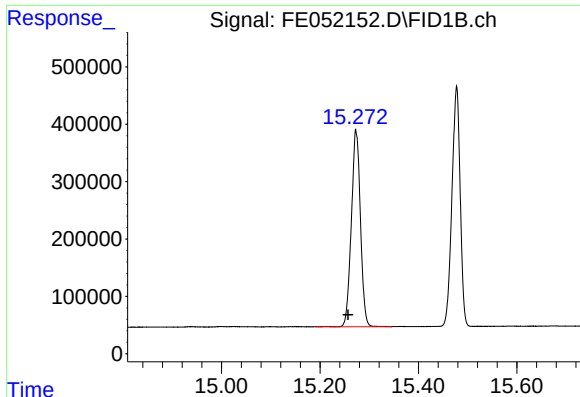
#7 N-EICOSANE

R.T.: 13.190 min
Delta R.T.: 0.019 min
Response: 4907257
Conc: 44.06 ug/ml



#8 N-DOCOSANE

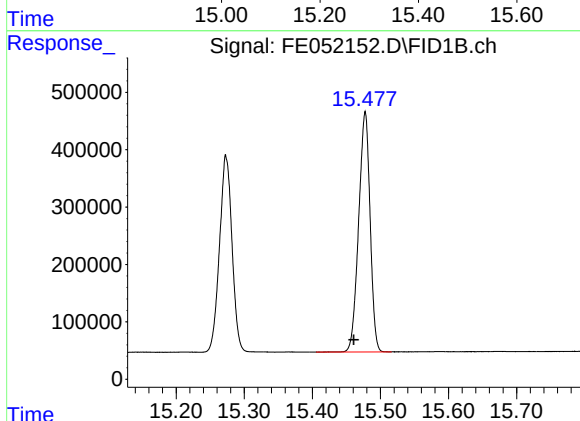
R.T.: 14.380 min
Delta R.T.: 0.018 min
Response: 4873758
Conc: 43.90 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

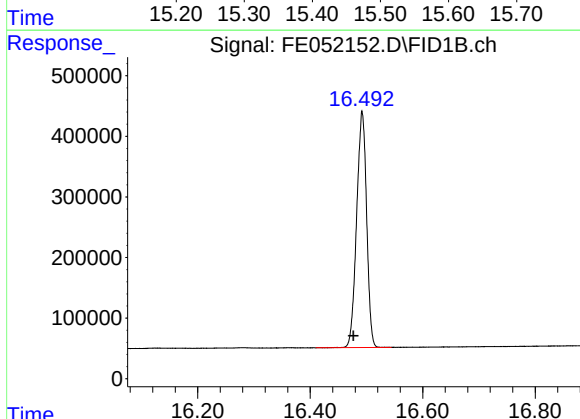
R.T.: 15.273 min
Delta R.T.: 0.016 min
Response: 4388967
Conc: 44.07 ug/ml

Instrument :
FID_E
ClientSampleId :



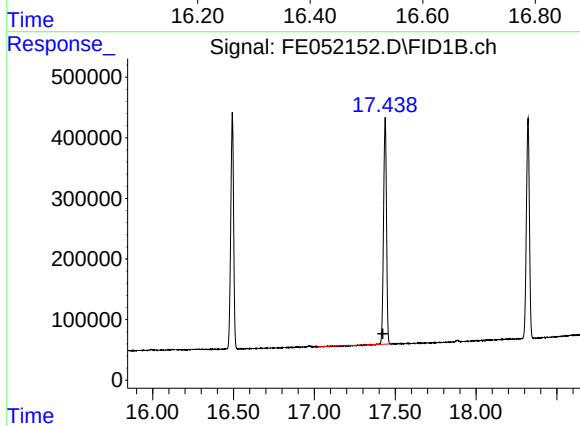
#10 N-TETRACOSANE

R.T.: 15.478 min
Delta R.T.: 0.017 min
Response: 4871879
Conc: 44.05 ug/ml



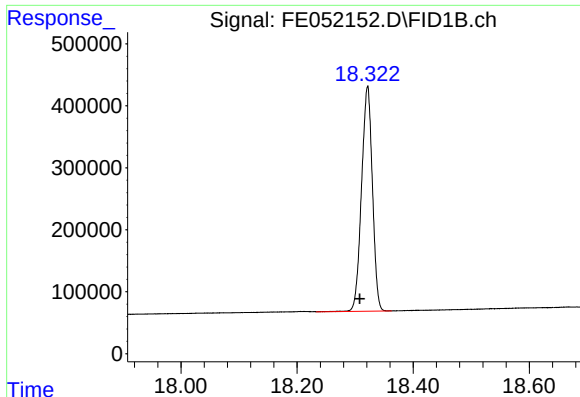
#11 N-HEXACOSANE

R.T.: 16.493 min
Delta R.T.: 0.016 min
Response: 4804084
Conc: 44.07 ug/ml



#12 N-OCTACOSANE

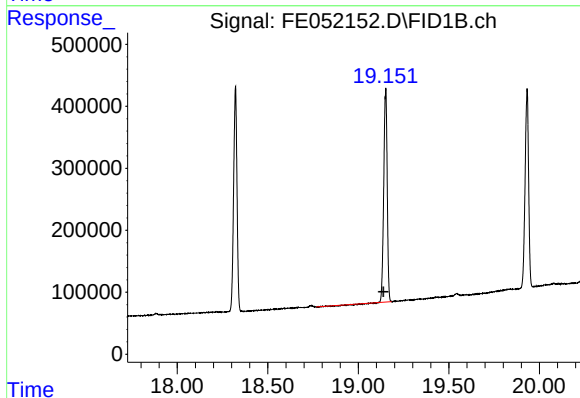
R.T.: 17.438 min
Delta R.T.: 0.014 min
Response: 4688759
Conc: 43.44 ug/ml



#13 N-TRIACONTANE

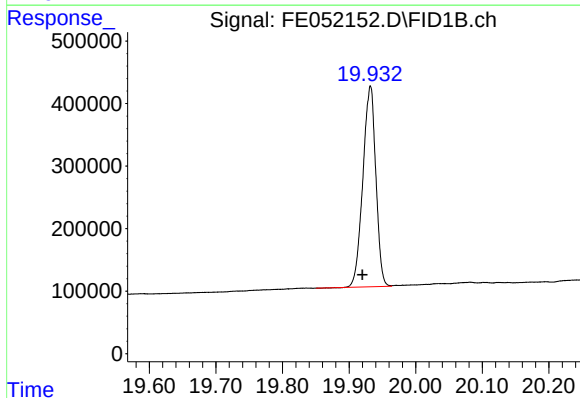
R.T.: 18.322 min
Delta R.T.: 0.013 min
Response: 4714365
Conc: 43.94 ug/ml

Instrument :
FID_E
ClientSampleId :



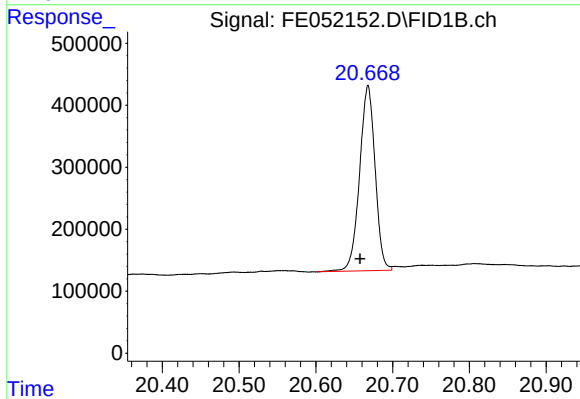
#14 N-DOTRIACONTANE

R.T.: 19.151 min
Delta R.T.: 0.012 min
Response: 4527484
Conc: 43.36 ug/ml



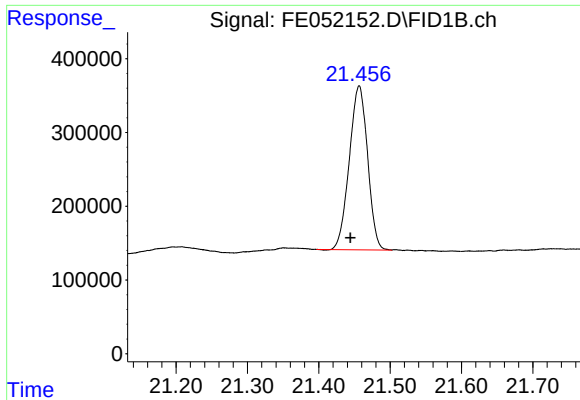
#15 N-TETRATRIACONTANE

R.T.: 19.932 min
Delta R.T.: 0.012 min
Response: 4332355
Conc: 46.14 ug/ml



#16 N-HEXATRIACONTANE

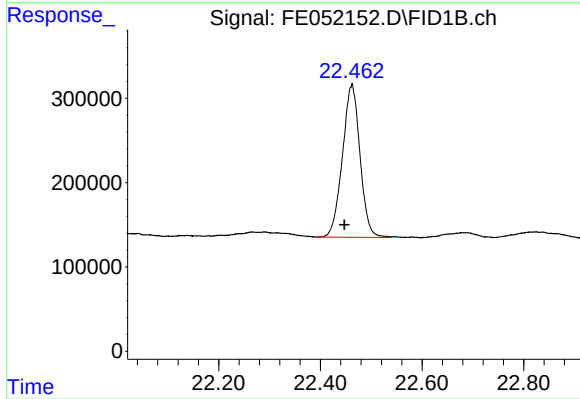
R.T.: 20.668 min
Delta R.T.: 0.011 min
Response: 4201143
Conc: 52.02 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.457 min
Delta R.T.: 0.012 min
Response: 3965233
Conc: 53.15 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.462 min
Delta R.T.: 0.015 min
Response: 4345364
Conc: 59.00 ug/ml