

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016980.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2025 21:27
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 26 05:02:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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...	15.141	5800745	53.922 ug/ml
Target Compounds			
1) N-OCTANE	2.080	6488227	54.759 ug/ml
2) N-DECANE	4.618	6665469	57.664 ug/ml
3) N-DODECANE	6.801	6736819	57.791 ug/ml
4) N-TETRADECANE	8.640	6750645	59.049 ug/ml
5) N-HEXADECANE	10.258	6675261	58.122 ug/ml
6) N-OCTADECANE	11.711	6840171	56.225 ug/ml
7) N-EICOSANE	13.029	6949233	55.180 ug/ml
8) N-DOCOSANE	14.236	6674703	54.238 ug/ml
10) N-TETRACOSANE	15.347	6573597	53.781 ug/ml
11) N-HEXACOSANE	16.375	6336405	53.653 ug/ml
12) N-OCTACOSANE	17.331	6329667	53.503 ug/ml
13) N-TRIACONTANE	18.225	6340570	53.945 ug/ml
14) N-DOTRIACONTANE	19.063	6139934	54.143 ug/ml
15) N-TETRATRIACONTANE	19.850	5735581	54.225 ug/ml
16) N-HEXATRIACONTANE	20.593	5027034	53.164 ug/ml
17) N-OCTATRIACONTANE	21.367	4427191	54.892 ug/ml
18) N-TETRACONTANE	22.346	3802706	54.381 ug/ml

(f)=RT Delta > 1/2 Window

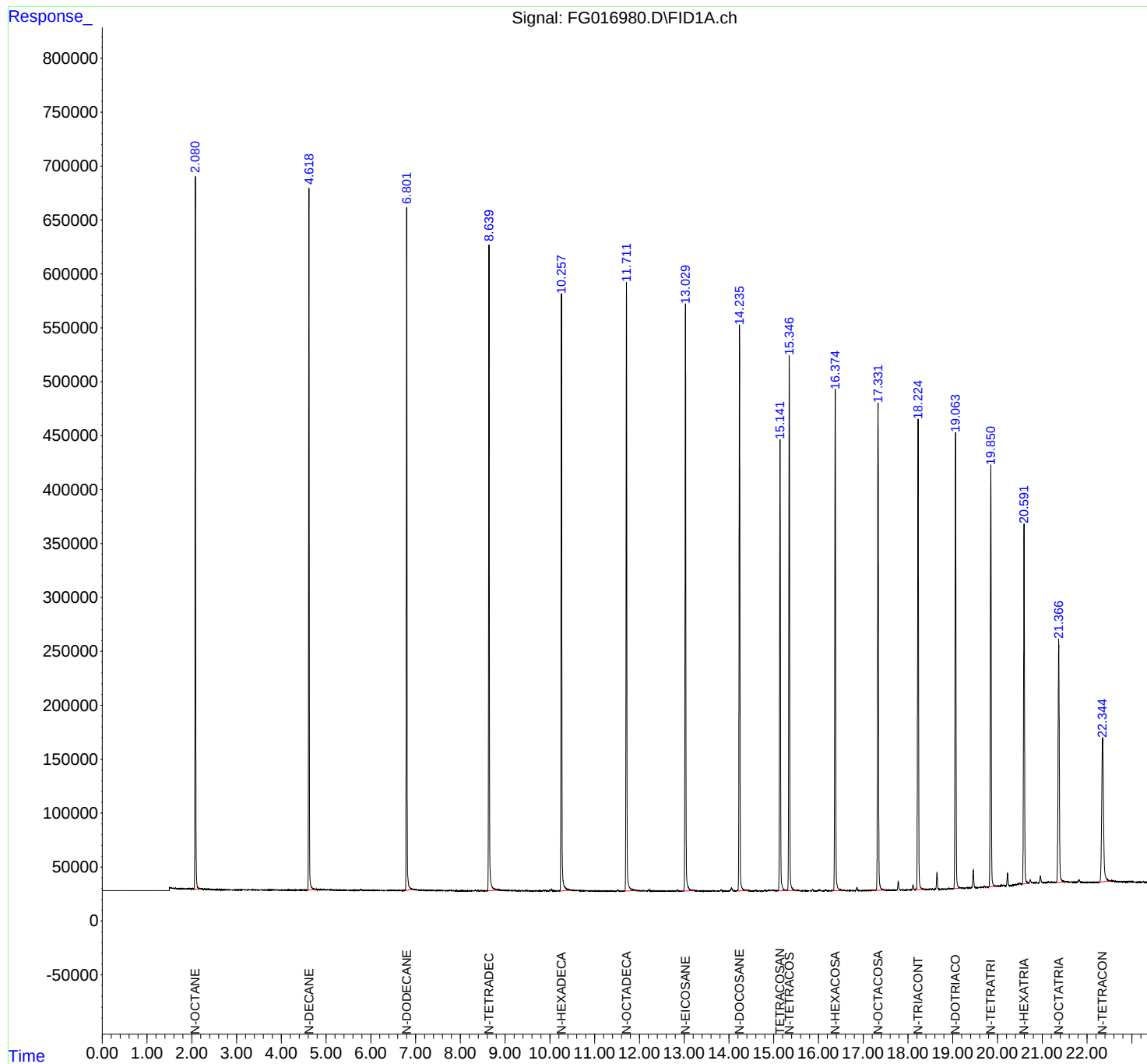
(m)=manual int.

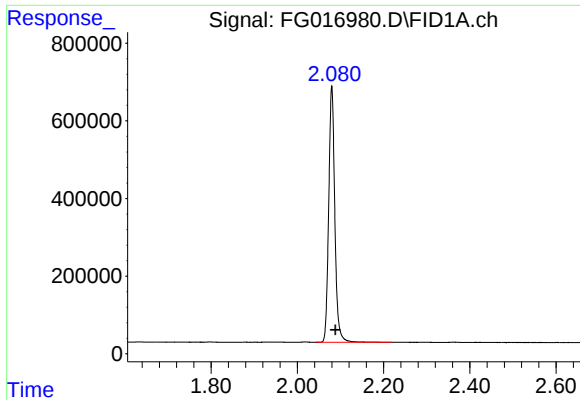
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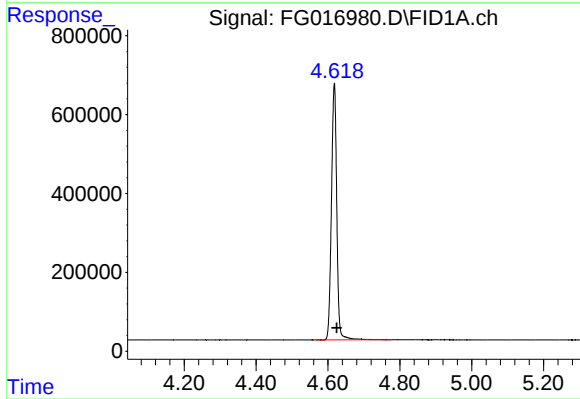




#1 N-OCTANE

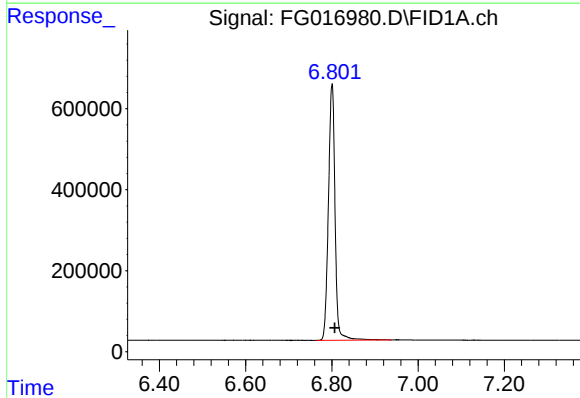
R.T.: 2.080 min
Delta R.T.: -0.008 min
Response: 6488227
Conc: 54.76 ug/ml

Instrument :
FID_E
ClientSampleId :



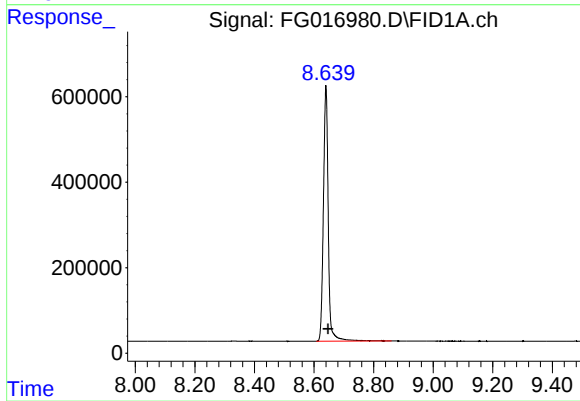
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 6665469
Conc: 57.66 ug/ml



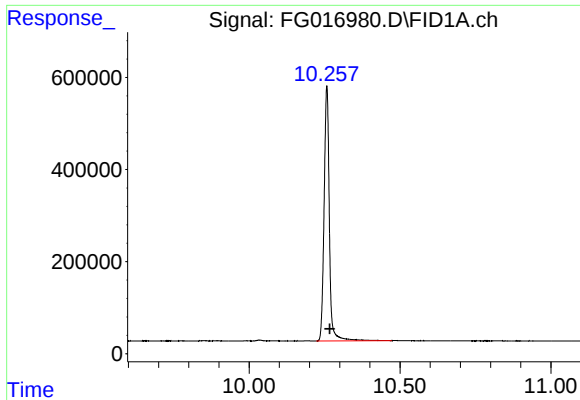
#3 N-DODECANE

R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 6736819
Conc: 57.79 ug/ml



#4 N-TETRADECANE

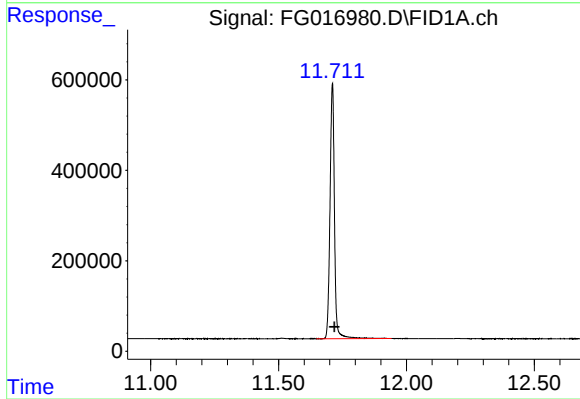
R.T.: 8.640 min
Delta R.T.: -0.007 min
Response: 6750645
Conc: 59.05 ug/ml



#5 N-HEXADECANE

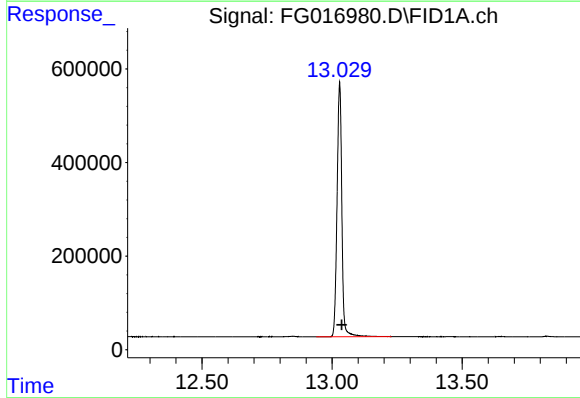
R.T.: 10.258 min
Delta R.T.: -0.010 min
Response: 6675261
Conc: 58.12 ug/ml

Instrument :
FID_E
ClientSampleId :



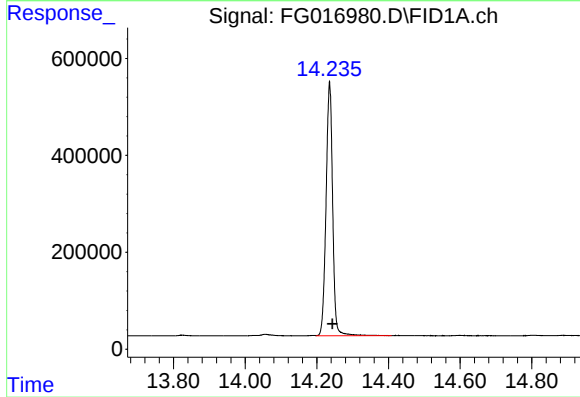
#6 N-OCTADECANE

R.T.: 11.711 min
Delta R.T.: -0.009 min
Response: 6840171
Conc: 56.23 ug/ml



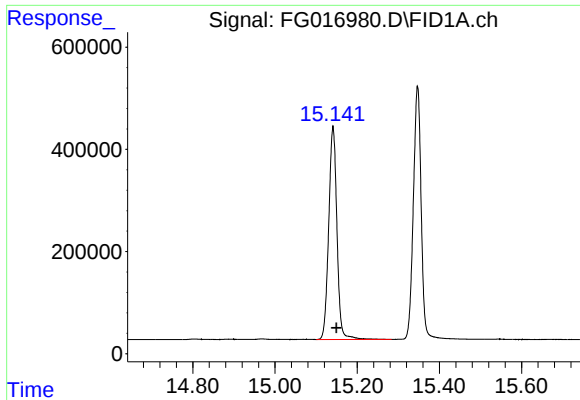
#7 N-EICOSANE

R.T.: 13.029 min
Delta R.T.: -0.009 min
Response: 6949233
Conc: 55.18 ug/ml



#8 N-DOCOSANE

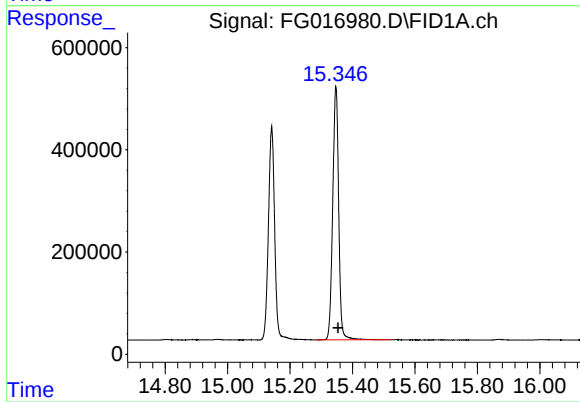
R.T.: 14.236 min
Delta R.T.: -0.008 min
Response: 6674703
Conc: 54.24 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

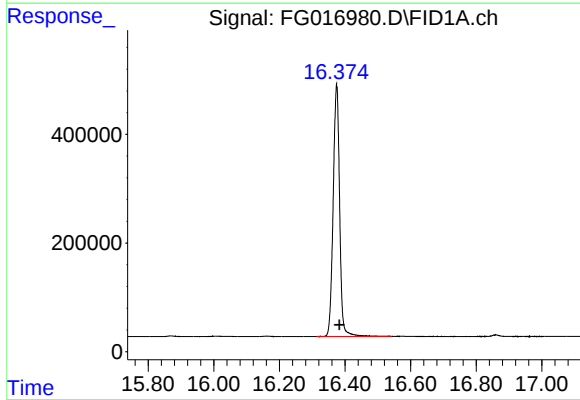
R.T.: 15.141 min
Delta R.T.: -0.008 min
Response: 5800745
Conc: 53.92 ug/ml

Instrument :
FID_E
ClientSampleId :



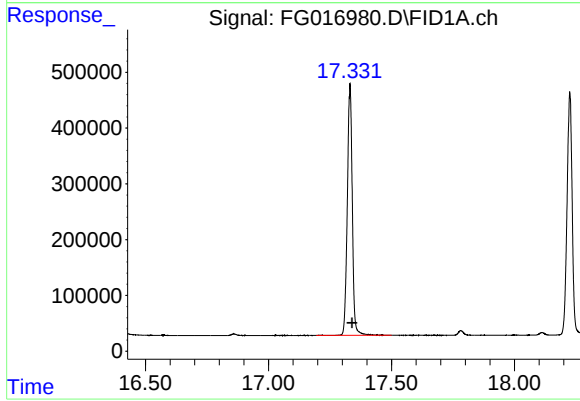
#10 N-TETRACOSANE

R.T.: 15.347 min
Delta R.T.: -0.007 min
Response: 6573597
Conc: 53.78 ug/ml



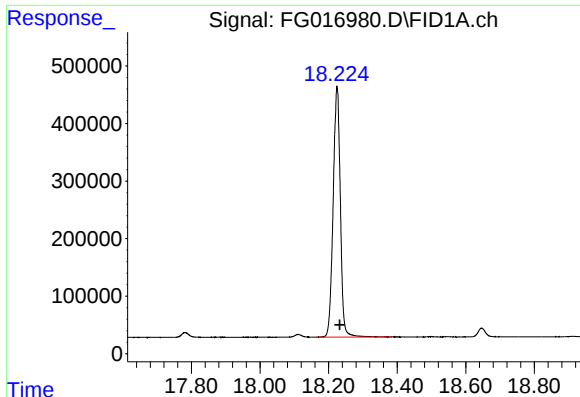
#11 N-HEXACOSANE

R.T.: 16.375 min
Delta R.T.: -0.008 min
Response: 6336405
Conc: 53.65 ug/ml



#12 N-OCTACOSANE

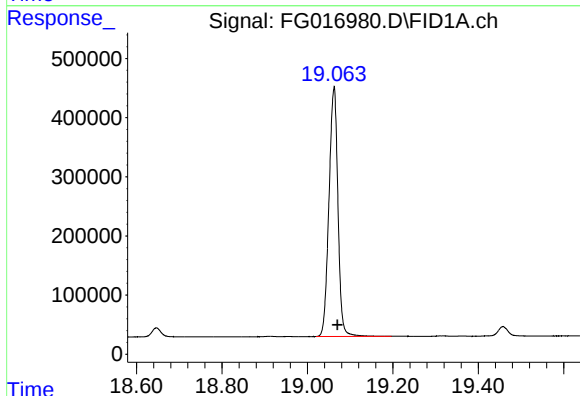
R.T.: 17.331 min
Delta R.T.: -0.008 min
Response: 6329667
Conc: 53.50 ug/ml



#13 N-TRIACONTANE

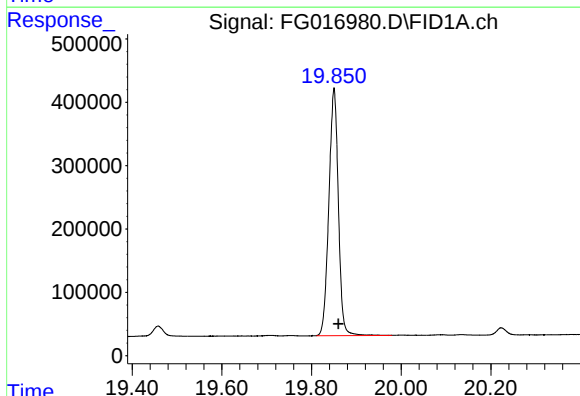
R.T.: 18.225 min
Delta R.T.: -0.008 min
Response: 6340570
Conc: 53.95 ug/ml

Instrument :
FID_E
ClientSampleId :



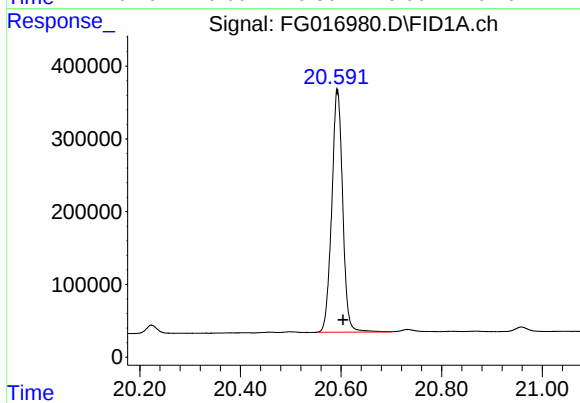
#14 N-DOTRIACONTANE

R.T.: 19.063 min
Delta R.T.: -0.008 min
Response: 6139934
Conc: 54.14 ug/ml



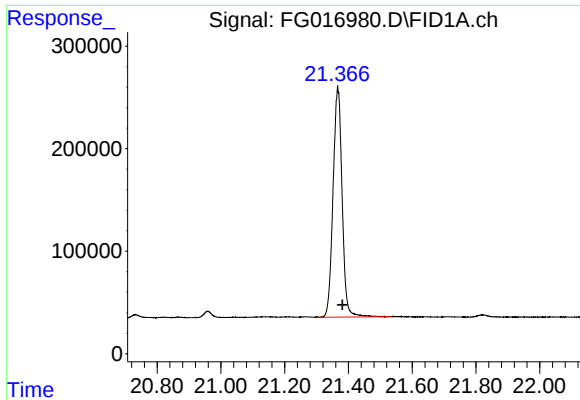
#15 N-TETRATRIACONTANE

R.T.: 19.850 min
Delta R.T.: -0.009 min
Response: 5735581
Conc: 54.22 ug/ml



#16 N-HEXATRIACONTANE

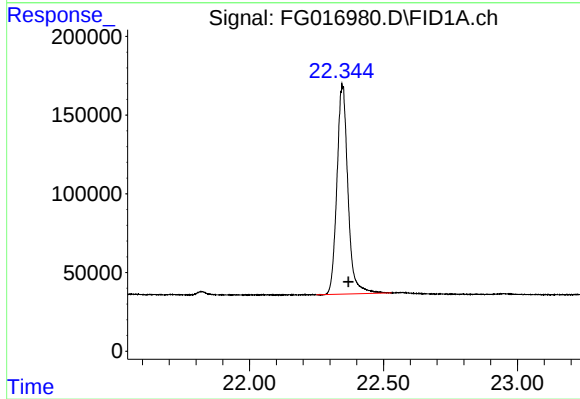
R.T.: 20.593 min
Delta R.T.: -0.011 min
Response: 5027034
Conc: 53.16 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.367 min
Delta R.T.: -0.014 min
Response: 4427191
Conc: 54.89 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.346 min
Delta R.T.: -0.023 min
Response: 3802706
Conc: 54.38 ug/ml