

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925\
 Data File : FG016839.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 10:10
 Operator : YP\AJ
 Sample : 100 TRPH STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 TRPH STD

Integration File: autoint1.e
 Quant Time: Oct 29 10:57:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 10:54:43 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...	15.156	10180364	98.764 ug/ml
Target Compounds			
1) N-OCTANE	2.087	11458844	98.857 ug/ml
2) N-DECANE	4.628	11559451	99.236 ug/ml
3) N-DODECANE	6.812	11744229	98.854 ug/ml
4) N-TETRADECANE	8.652	11852164	99.279 ug/ml
5) N-HEXADECANE	10.270	11824402	99.418 ug/ml
6) N-OCTADECANE	11.724	12040226	99.013 ug/ml
7) N-EICOSANE	13.043	12229765	98.932 ug/ml
8) N-DOCOSANE	14.250	11769343	98.863 ug/ml
10) N-TETRACOSANE	15.362	11600955	98.874 ug/ml
11) N-HEXACOSANE	16.390	11213618	98.809 ug/ml
12) N-OCTACOSANE	17.347	11172492	98.802 ug/ml
13) N-TRIACONTANE	18.240	11058582	98.667 ug/ml
14) N-DOTRIACONTANE	19.078	10630994	98.671 ug/ml
15) N-TETRATRIACONTANE	19.865	9959465	98.767 ug/ml
16) N-HEXATRIACONTANE	20.609	8827171	99.414 ug/ml
17) N-OCTATRIACONTANE	21.387	7783400	98.800 ug/ml
18) N-TETRACONTANE	22.372	6739187	99.167 ug/ml

(f)=RT Delta > 1/2 Window

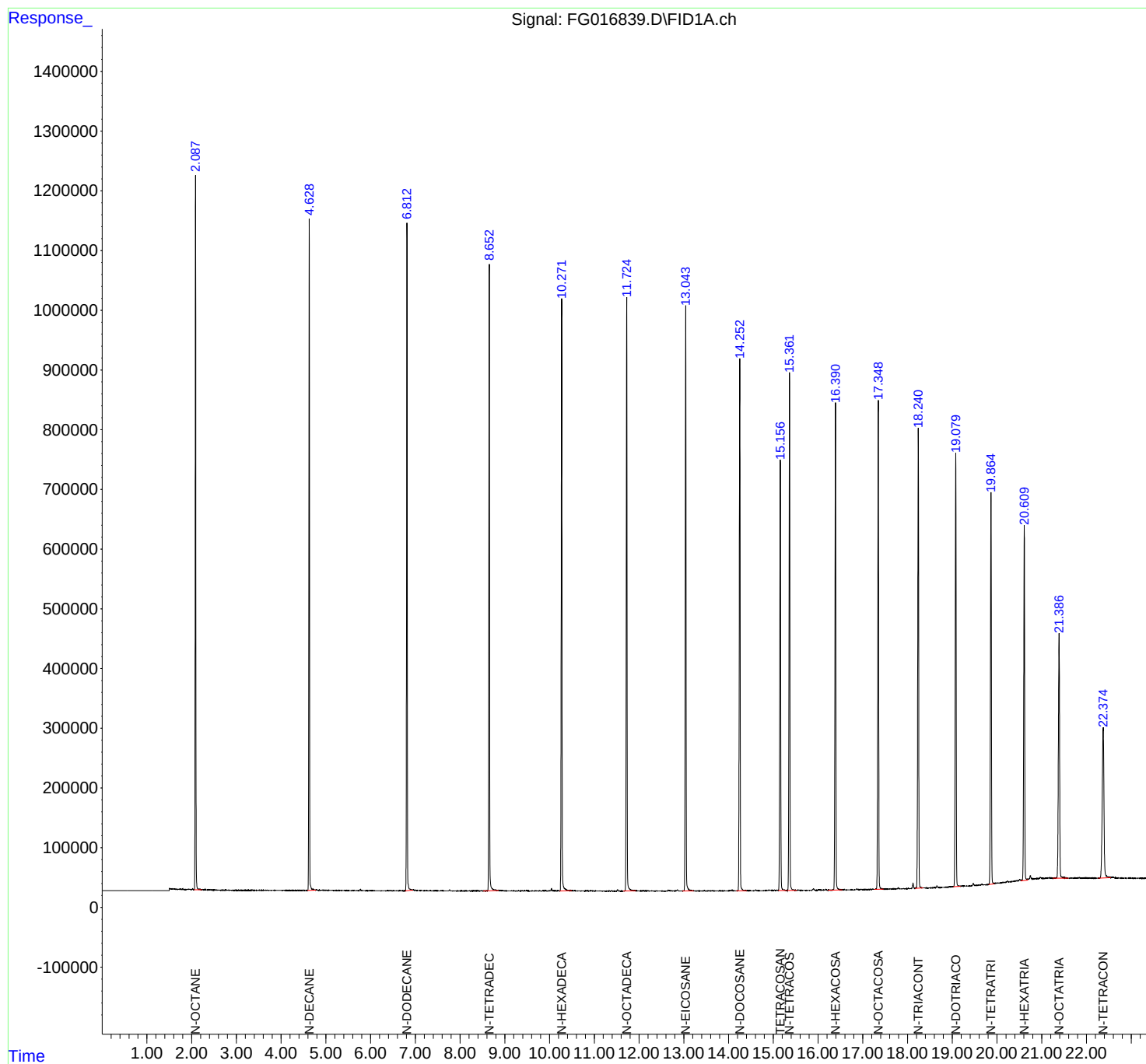
(m)=manual int.

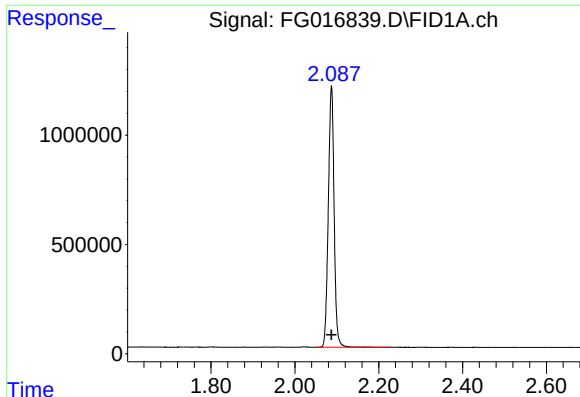
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

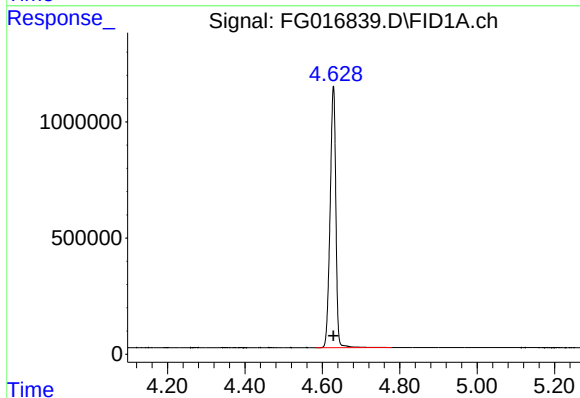




#1 N-OCTANE

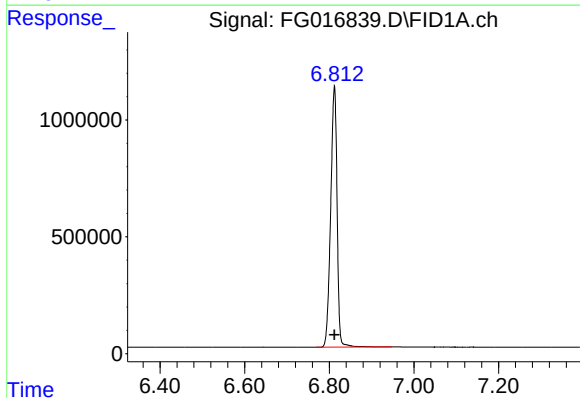
R.T.: 2.087 min
Delta R.T.: 0.000 min
Response: 11458844
Conc: 98.86 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



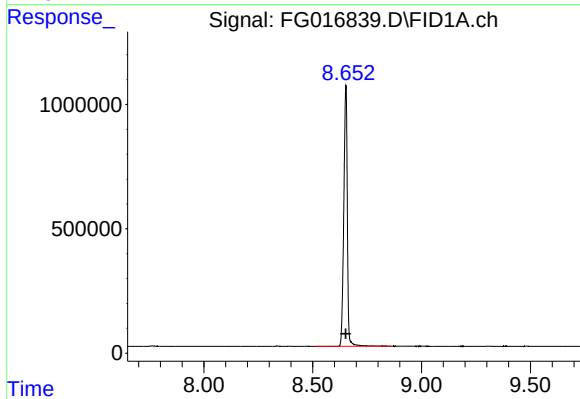
#2 N-DECANE

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 11559451
Conc: 99.24 ug/ml



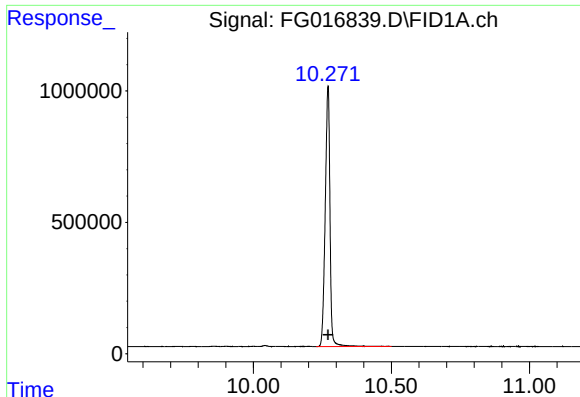
#3 N-DODECANE

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 11744229
Conc: 98.85 ug/ml



#4 N-TETRADECANE

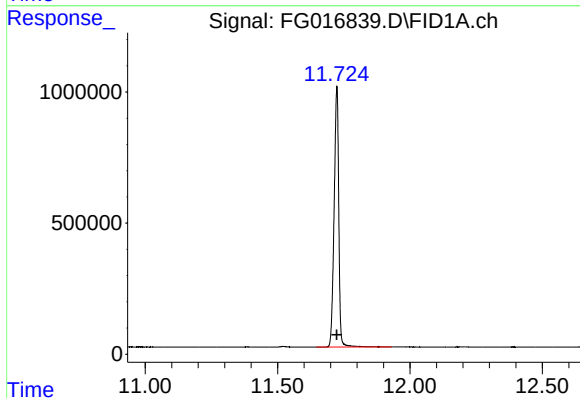
R.T.: 8.652 min
Delta R.T.: 0.000 min
Response: 11852164
Conc: 99.28 ug/ml



#5 N-HEXADECANE

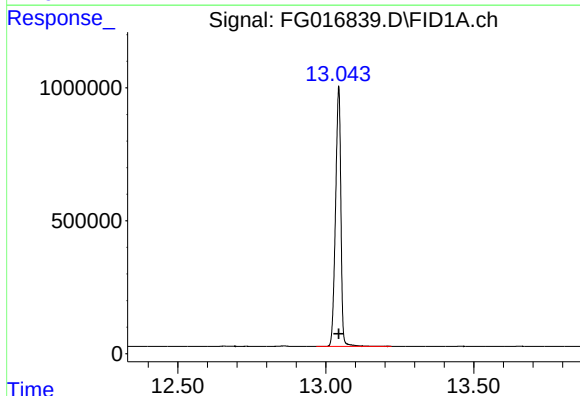
R.T.: 10.270 min
Delta R.T.: 0.000 min
Response: 11824402
Conc: 99.42 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



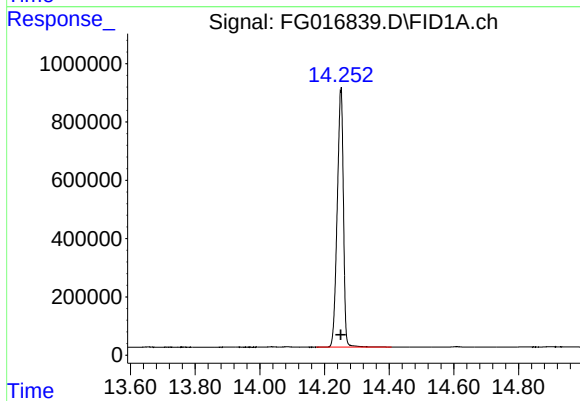
#6 N-OCTADECANE

R.T.: 11.724 min
Delta R.T.: 0.000 min
Response: 12040226
Conc: 99.01 ug/ml



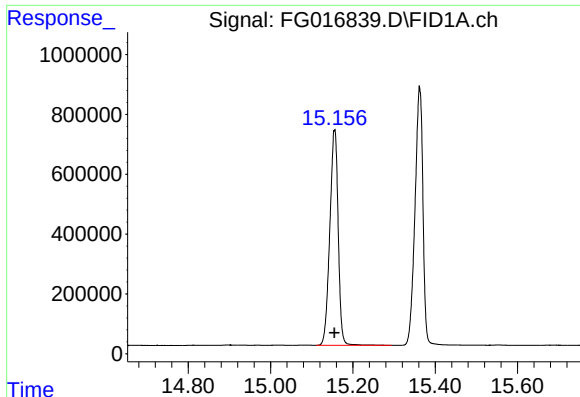
#7 N-EICOSANE

R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 12229765
Conc: 98.93 ug/ml



#8 N-DOCOSANE

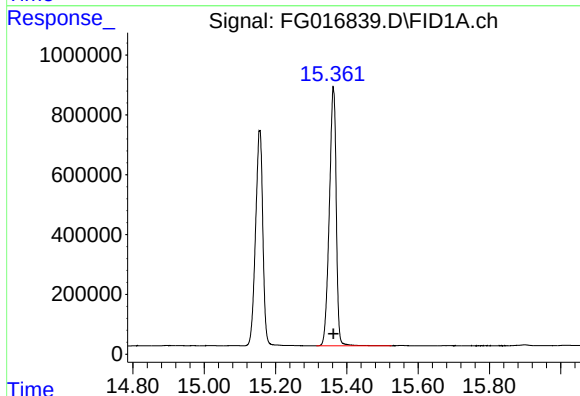
R.T.: 14.250 min
Delta R.T.: 0.000 min
Response: 11769343
Conc: 98.86 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

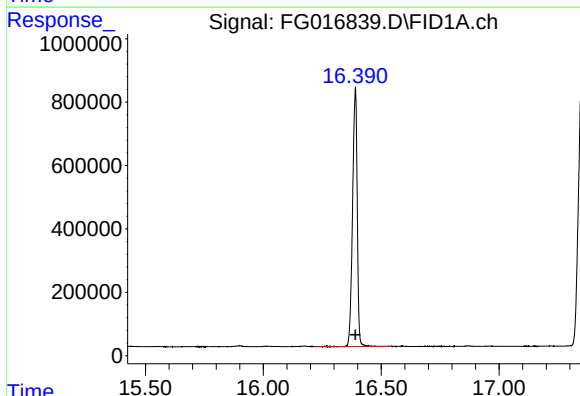
R.T.: 15.156 min
Delta R.T.: 0.000 min
Response: 10180364
Conc: 98.76 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



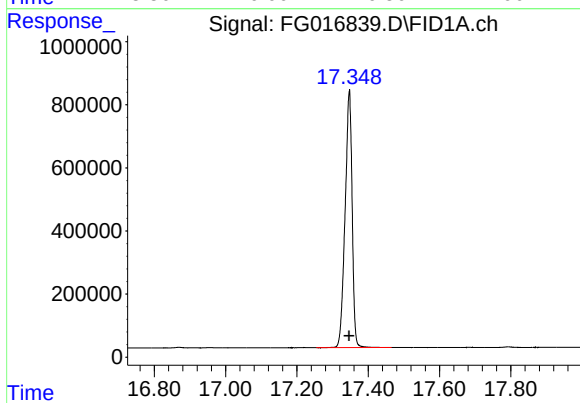
#10 N-TETRACOSANE

R.T.: 15.362 min
Delta R.T.: 0.000 min
Response: 11600955
Conc: 98.87 ug/ml



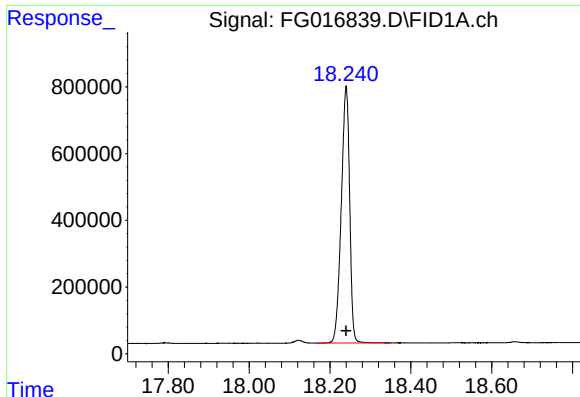
#11 N-HEXACOSANE

R.T.: 16.390 min
Delta R.T.: 0.000 min
Response: 11213618
Conc: 98.81 ug/ml



#12 N-OCTACOSANE

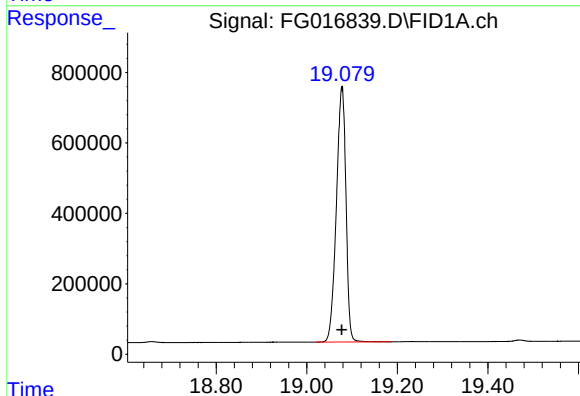
R.T.: 17.347 min
Delta R.T.: 0.000 min
Response: 11172492
Conc: 98.80 ug/ml



#13 N-TRIACONTANE

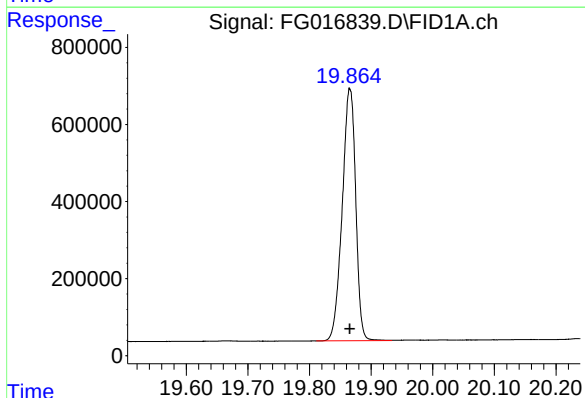
R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 11058582
Conc: 98.67 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



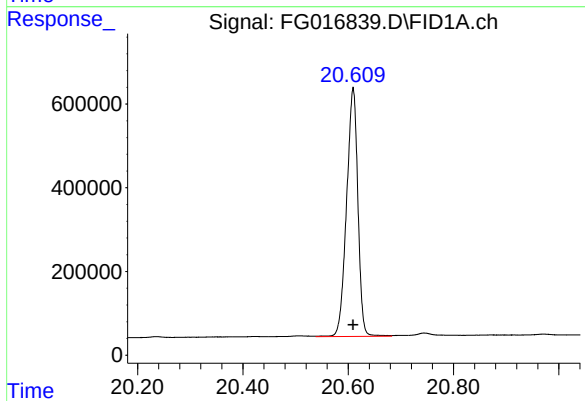
#14 N-DOTRIACONTANE

R.T.: 19.078 min
Delta R.T.: 0.000 min
Response: 10630994
Conc: 98.67 ug/ml



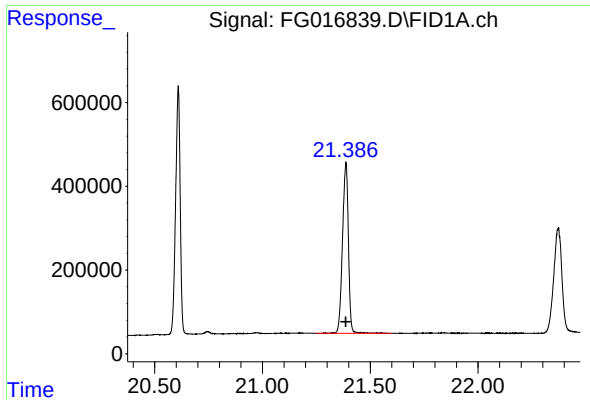
#15 N-TETRATRIACONTANE

R.T.: 19.865 min
Delta R.T.: 0.000 min
Response: 9959465
Conc: 98.77 ug/ml



#16 N-HEXATRIACONTANE

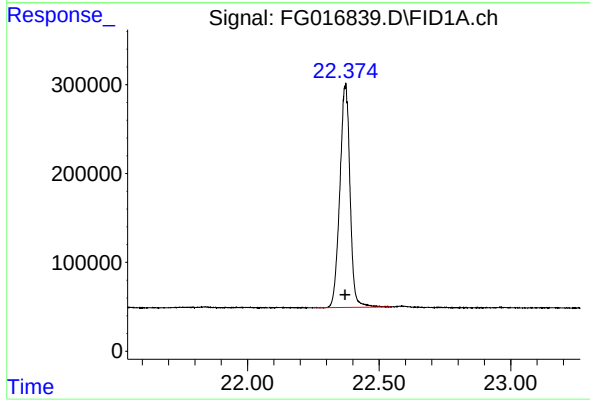
R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 8827171
Conc: 99.41 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.387 min
Delta R.T.: 0.000 min
Response: 7783400
Conc: 98.80 ug/ml

Instrument :
FID_G
ClientSampleId :
100 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.372 min
Delta R.T.: 0.000 min
Response: 6739187
Conc: 99.17 ug/ml