

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082725\
 Data File : FG016409.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 09:11
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Aug 28 04:18:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.194	4834650	50.745 ug/ml
Target Compounds			
1) N-OCTANE	2.111	5236391	49.344 ug/ml
2) N-DECANE	4.660	5469437	50.612 ug/ml
3) N-DODECANE	6.843	5520237	50.794 ug/ml
4) N-TETRADECANE	8.685	5570331	50.945 ug/ml
5) N-HEXADECANE	10.304	5534203	50.914 ug/ml
6) N-OCTADECANE	11.759	5632178	50.917 ug/ml
7) N-EICOSANE	13.079	5749071	50.865 ug/ml
8) N-DOCOSANE	14.287	5573048	50.729 ug/ml
10) N-TETRACOSANE	15.399	5549729	50.649 ug/ml
11) N-HEXACOSANE	16.428	5388823	50.387 ug/ml
12) N-OCTACOSANE	17.383	5417929	50.291 ug/ml
13) N-TRIACONTANE	18.278	5459308	50.104 ug/ml
14) N-DOTRIACONTANE	19.116	5281810	50.145 ug/ml
15) N-TETRATRIACONTANE	19.905	4777907	50.143 ug/ml
16) N-HEXATRIACONTANE	20.648	3344704	44.763 ug/ml
17) N-OCTATRIACONTANE	21.435	2282323	38.065 ug/ml
18) N-TETRACONTANE	22.440	2995933	71.277 ug/ml

(f)=RT Delta > 1/2 Window

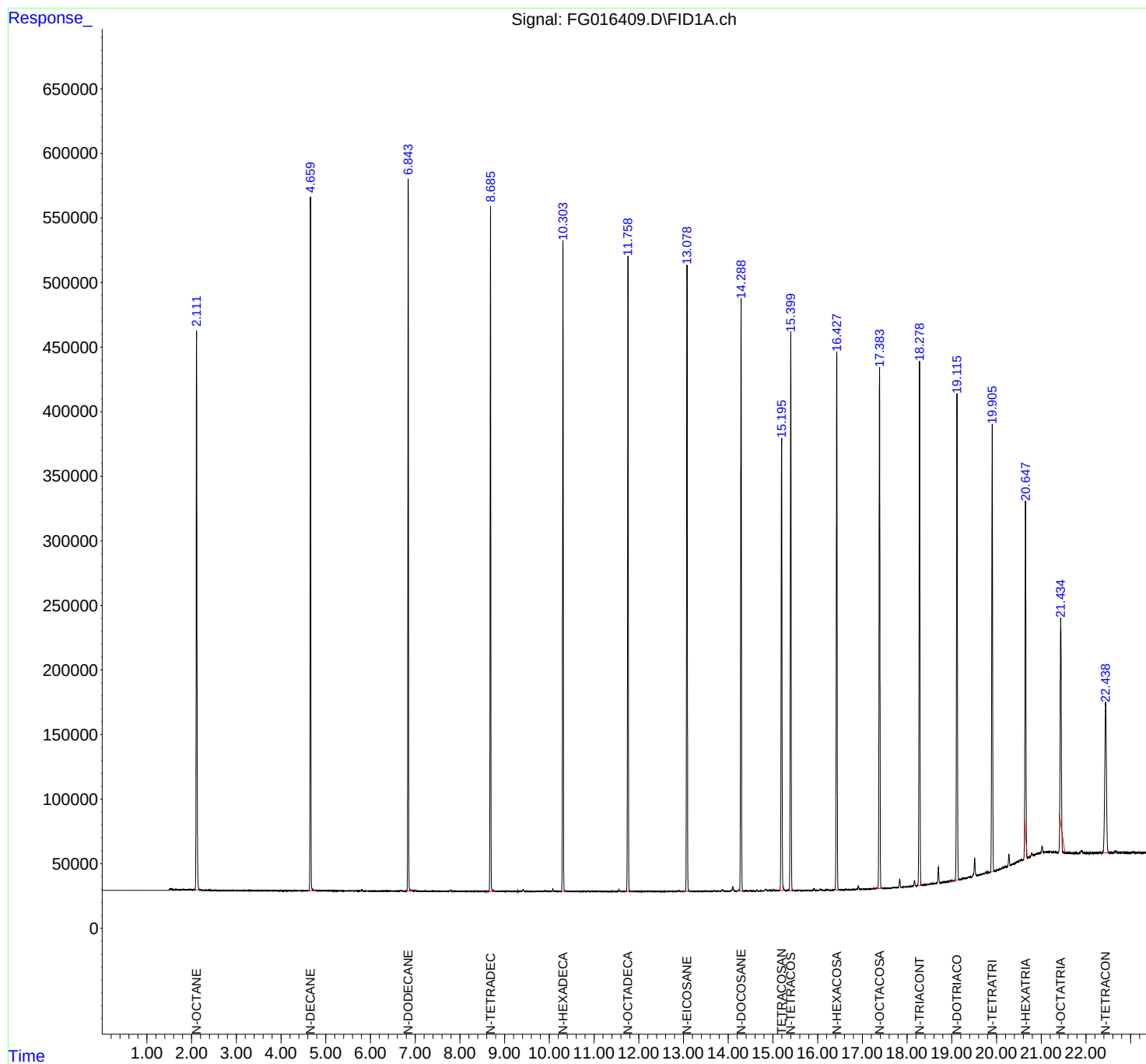
(m)=manual int.

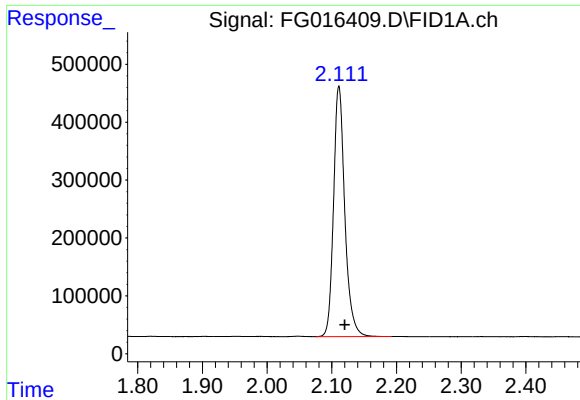
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

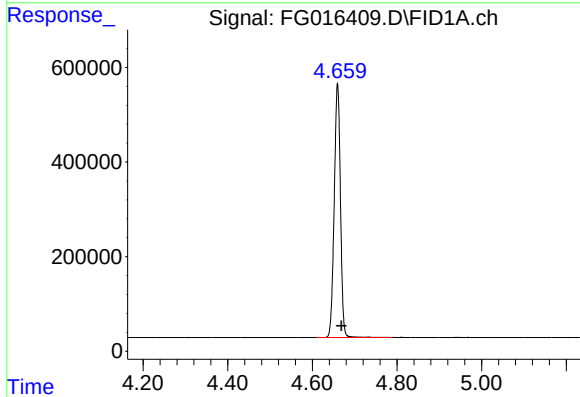




#1 N-OCTANE

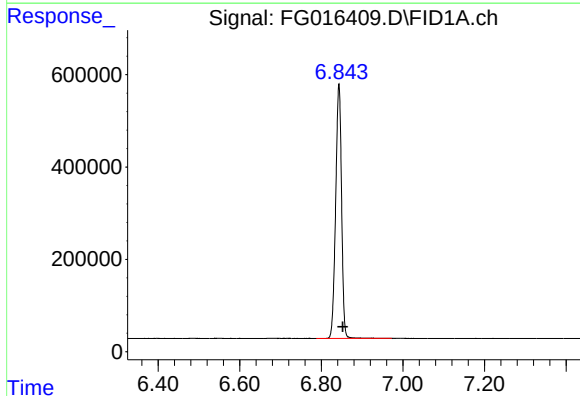
R.T.: 2.111 min
Delta R.T.: -0.009 min
Response: 5236391
Conc: 49.34 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



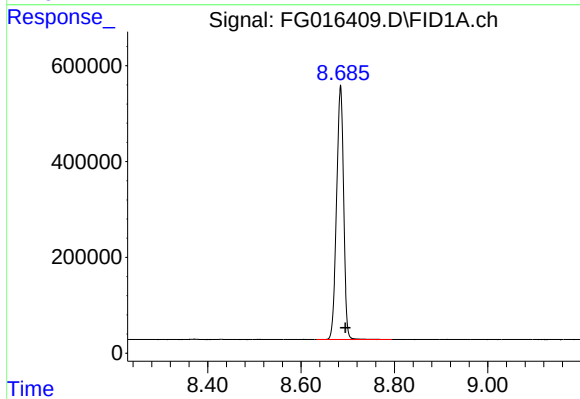
#2 N-DECANE

R.T.: 4.660 min
Delta R.T.: -0.009 min
Response: 5469437
Conc: 50.61 ug/ml



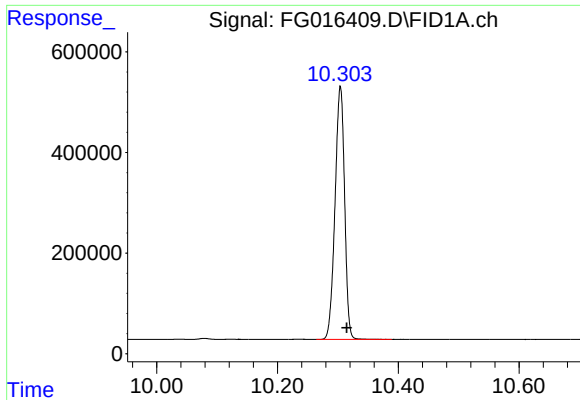
#3 N-DODECANE

R.T.: 6.843 min
Delta R.T.: -0.009 min
Response: 5520237
Conc: 50.79 ug/ml



#4 N-TETRADECANE

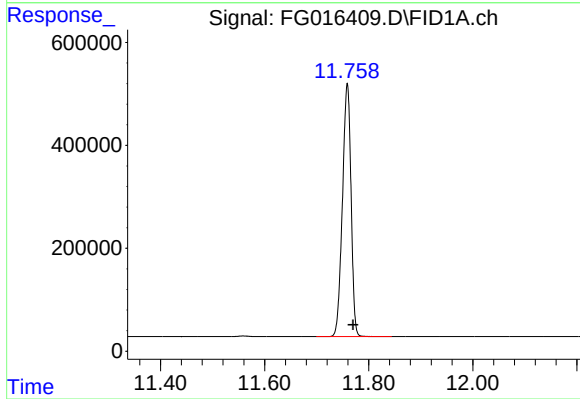
R.T.: 8.685 min
Delta R.T.: -0.010 min
Response: 5570331
Conc: 50.95 ug/ml



#5 N-HEXADECANE

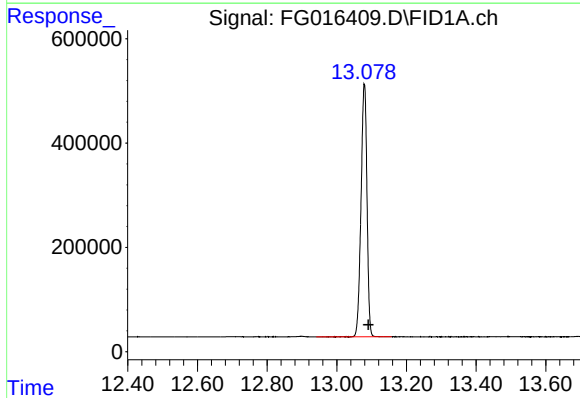
R.T.: 10.304 min
Delta R.T.: -0.010 min
Response: 5534203
Conc: 50.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



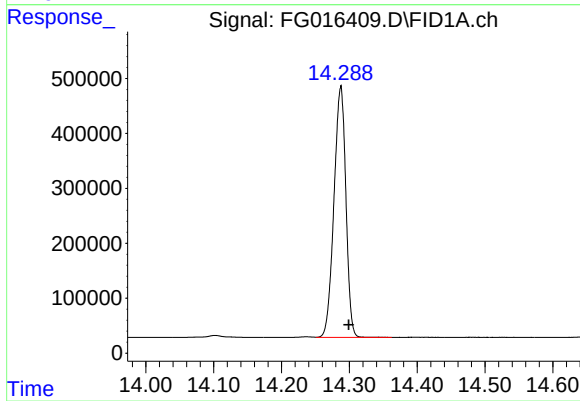
#6 N-OCTADECANE

R.T.: 11.759 min
Delta R.T.: -0.011 min
Response: 5632178
Conc: 50.92 ug/ml



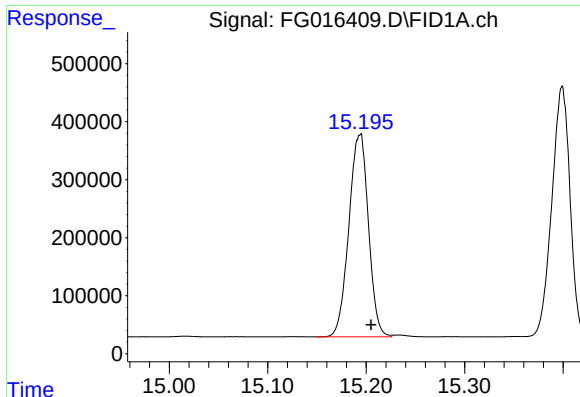
#7 N-EICOSANE

R.T.: 13.079 min
Delta R.T.: -0.011 min
Response: 5749071
Conc: 50.87 ug/ml



#8 N-DOCOSANE

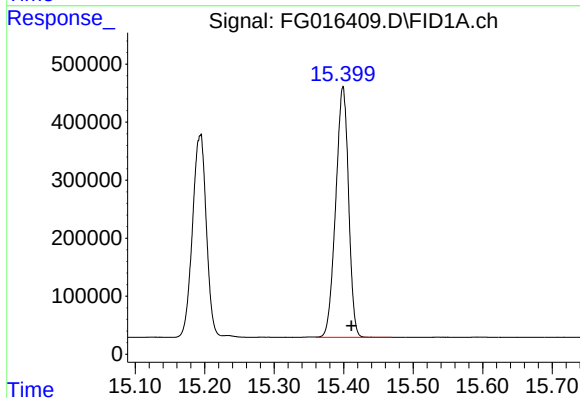
R.T.: 14.287 min
Delta R.T.: -0.012 min
Response: 5573048
Conc: 50.73 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

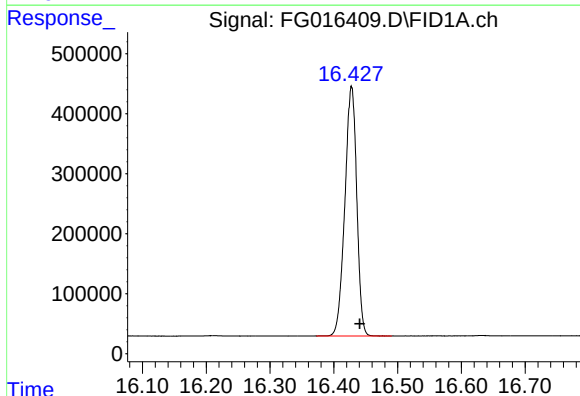
R.T.: 15.194 min
Delta R.T.: -0.011 min
Response: 4834650
Conc: 50.74 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



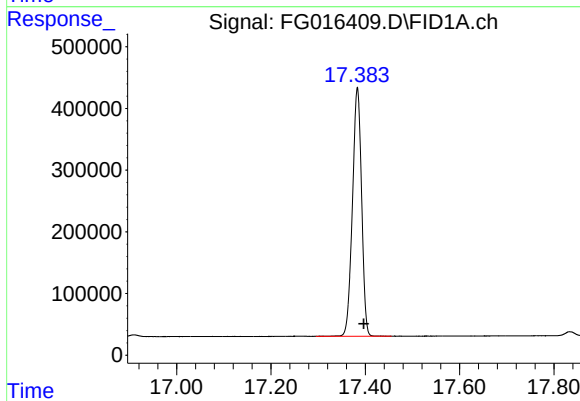
#10 N-TETRACOSANE

R.T.: 15.399 min
Delta R.T.: -0.012 min
Response: 5549729
Conc: 50.65 ug/ml



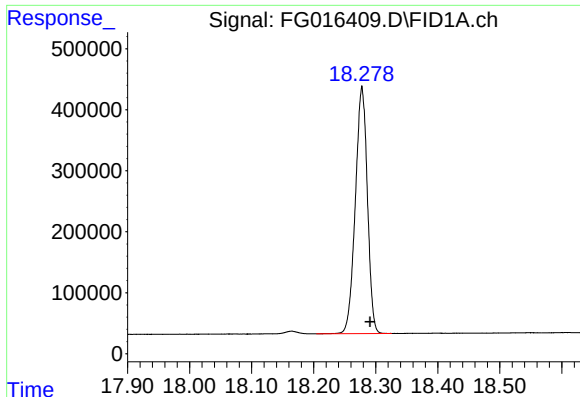
#11 N-HEXACOSANE

R.T.: 16.428 min
Delta R.T.: -0.013 min
Response: 5388823
Conc: 50.39 ug/ml



#12 N-OCTACOSANE

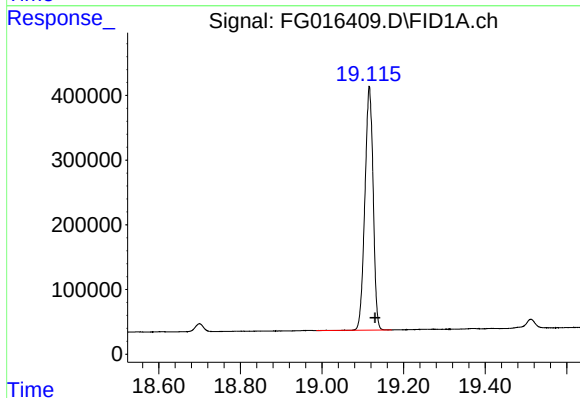
R.T.: 17.383 min
Delta R.T.: -0.014 min
Response: 5417929
Conc: 50.29 ug/ml



#13 N-TRIACONTANE

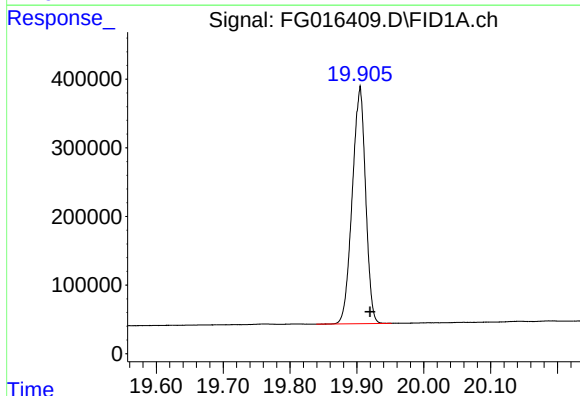
R.T.: 18.278 min
Delta R.T.: -0.013 min
Response: 5459308
Conc: 50.10 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



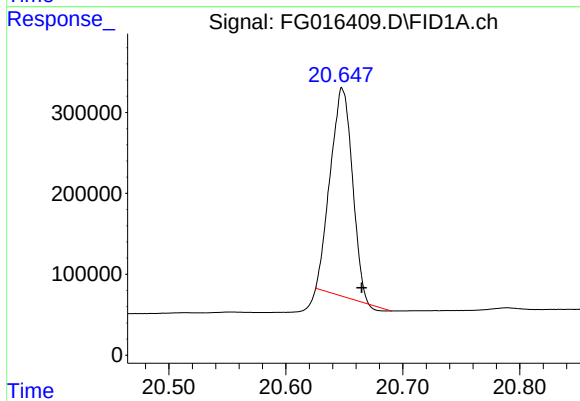
#14 N-DOTRIACONTANE

R.T.: 19.116 min
Delta R.T.: -0.014 min
Response: 5281810
Conc: 50.14 ug/ml



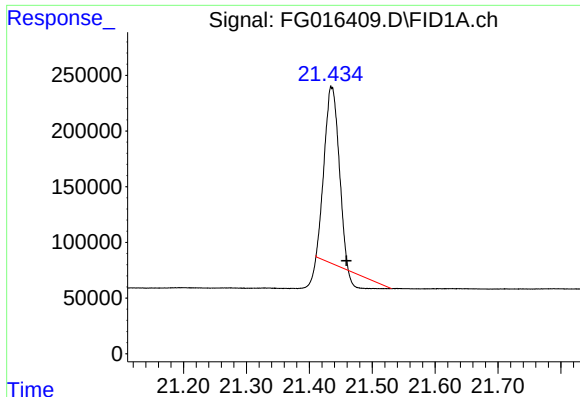
#15 N-TETRATRIACONTANE

R.T.: 19.905 min
Delta R.T.: -0.015 min
Response: 4777907
Conc: 50.14 ug/ml



#16 N-HEXATRIACONTANE

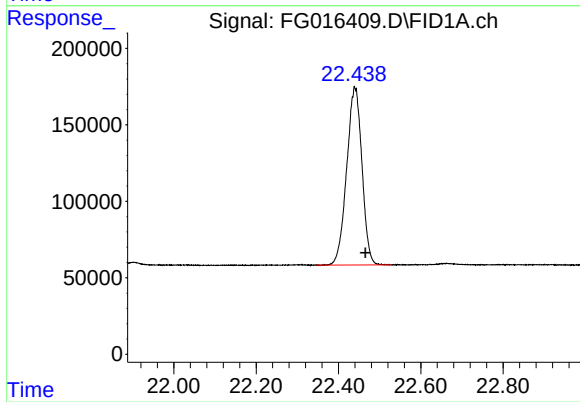
R.T.: 20.648 min
Delta R.T.: -0.017 min
Response: 3344704
Conc: 44.76 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.435 min
Delta R.T.: -0.024 min
Response: 2282323
Conc: 38.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.440 min
Delta R.T.: -0.026 min
Response: 2995933
Conc: 71.28 ug/ml