

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082725\
 Data File : FG016418.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2025 14:10
 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 04:21:52 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...	15.192	4922951	51.671 ug/ml
Target Compounds			
1) N-OCTANE	2.111	5394625	50.835 ug/ml
2) N-DECANE	4.659	5602698	51.845 ug/ml
3) N-DODECANE	6.842	5672439	52.195 ug/ml
4) N-TETRADECANE	8.683	5708551	52.209 ug/ml
5) N-HEXADECANE	10.302	5671950	52.181 ug/ml
6) N-OCTADECANE	11.757	5762675	52.096 ug/ml
7) N-EICOSANE	13.078	5867805	51.916 ug/ml
8) N-DOCOSANE	14.286	5678478	51.689 ug/ml
10) N-TETRACOSANE	15.397	5644338	51.513 ug/ml
11) N-HEXACOSANE	16.426	5475307	51.196 ug/ml
12) N-OCTACOSANE	17.383	5495028	51.006 ug/ml
13) N-TRIACONTANE	18.277	5535385	50.803 ug/ml
14) N-DOTRIACONTANE	19.114	5376995	51.049 ug/ml
15) N-TETRATRIACONTANE	19.903	4881437	51.229 ug/ml
16) N-HEXATRIACONTANE	20.647	3444234	46.095 ug/ml
17) N-OCTATRIACONTANE	21.435	2373981	39.594 ug/ml
18) N-TETRACONTANE	22.438	3041570	72.363 ug/ml

(f)=RT Delta > 1/2 Window

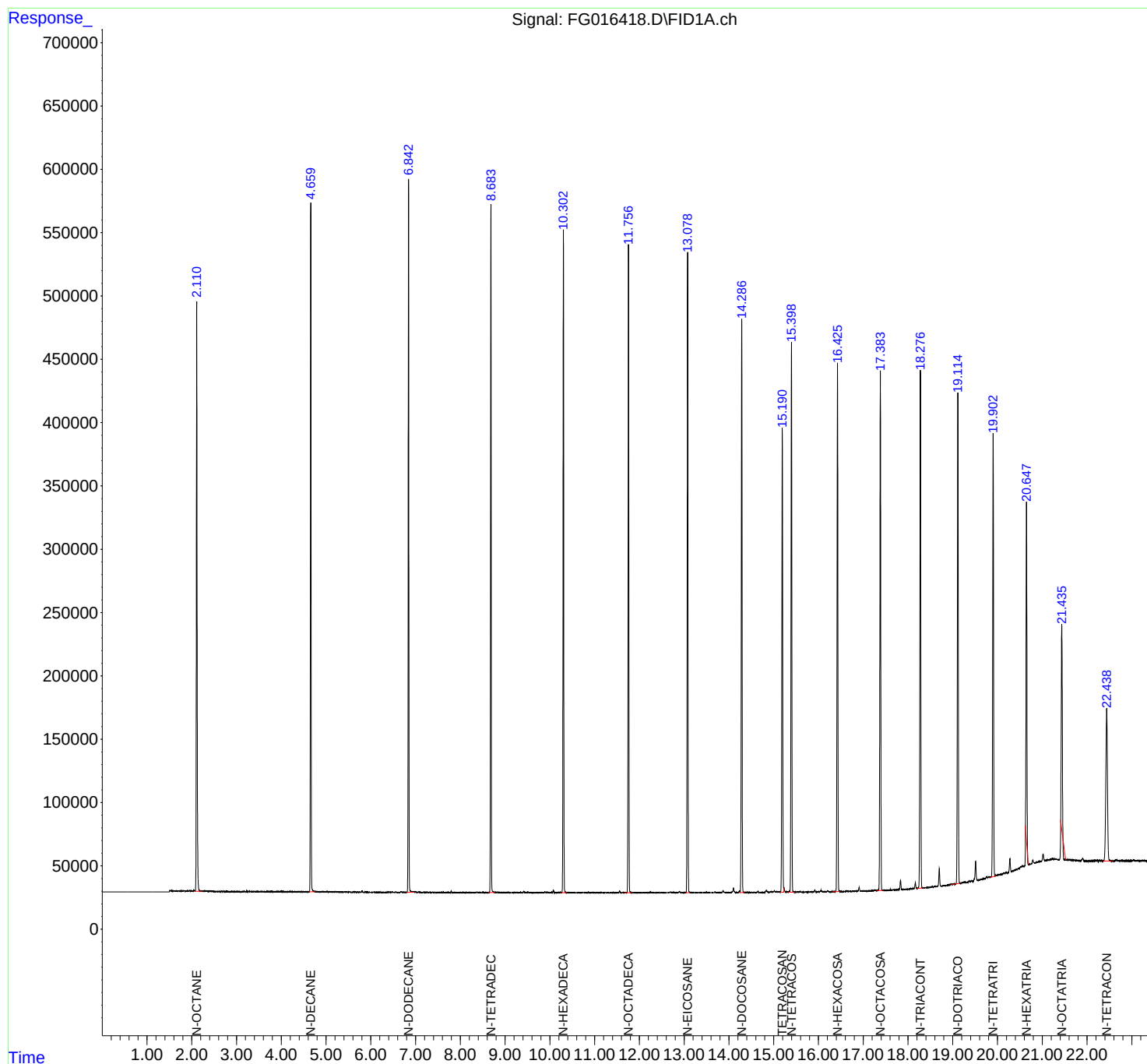
(m)=manual int.

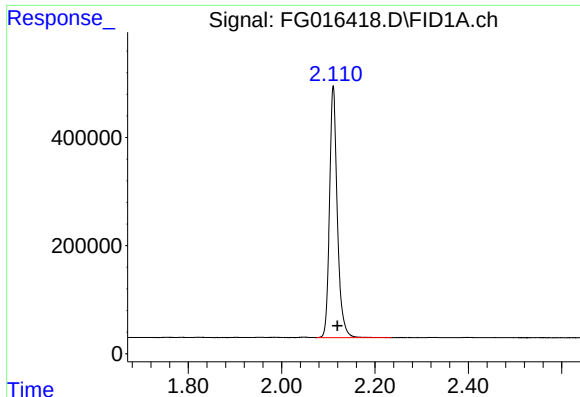
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Signal Info : 20mx0.18mmx0.18um

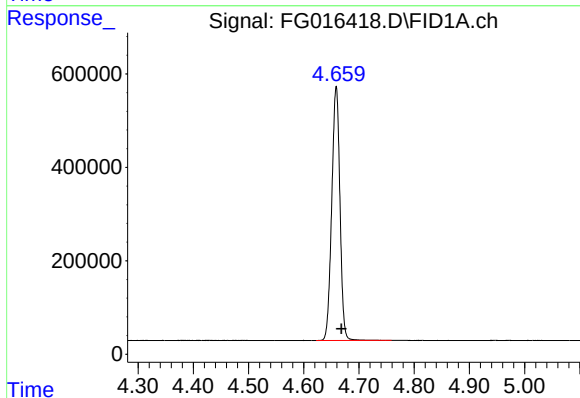




#1 N-OCTANE

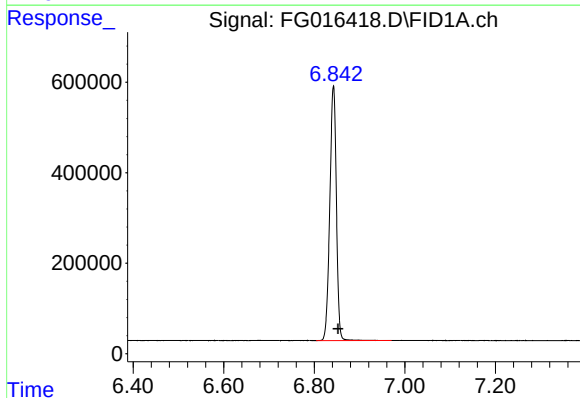
R.T.: 2.111 min
Delta R.T.: -0.009 min
Response: 5394625
Conc: 50.84 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



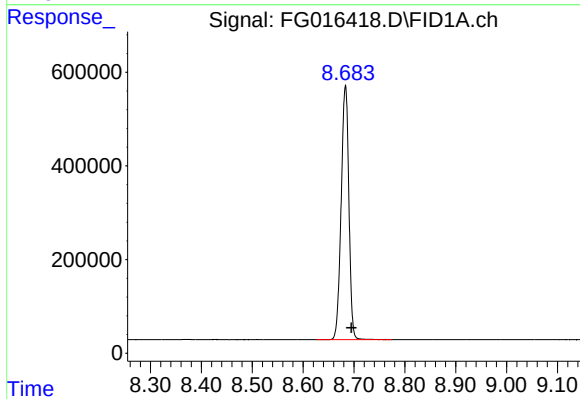
#2 N-DECANE

R.T.: 4.659 min
Delta R.T.: -0.009 min
Response: 5602698
Conc: 51.85 ug/ml



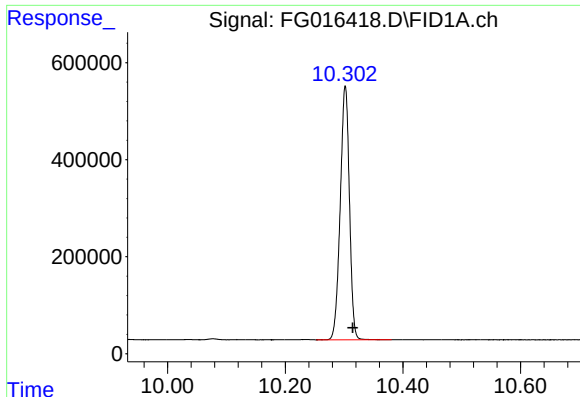
#3 N-DODECANE

R.T.: 6.842 min
Delta R.T.: -0.010 min
Response: 5672439
Conc: 52.19 ug/ml



#4 N-TETRADECANE

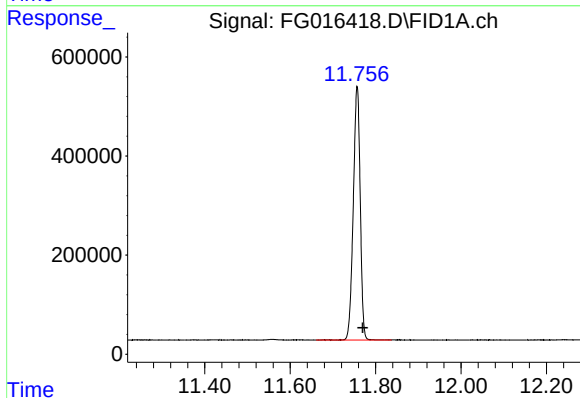
R.T.: 8.683 min
Delta R.T.: -0.012 min
Response: 5708551
Conc: 52.21 ug/ml



#5 N-HEXADECANE

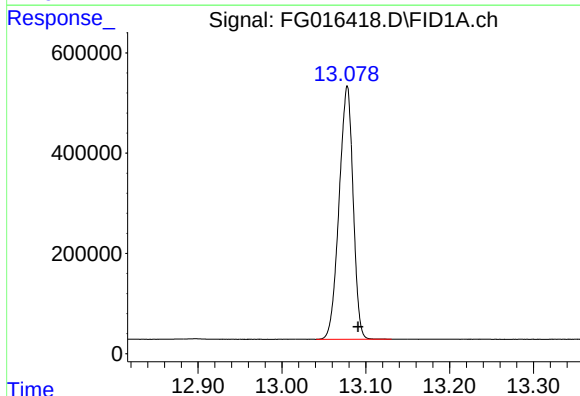
R.T.: 10.302 min
Delta R.T.: -0.013 min
Response: 5671950
Conc: 52.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



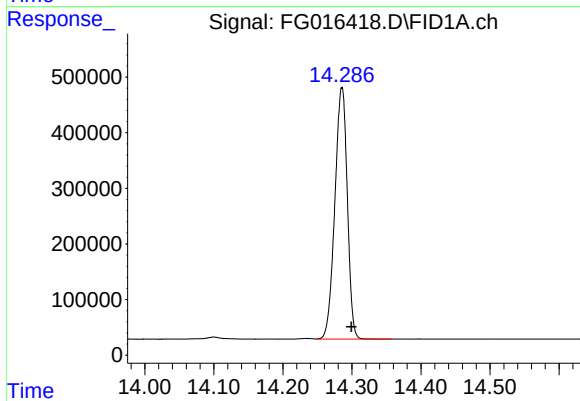
#6 N-OCTADECANE

R.T.: 11.757 min
Delta R.T.: -0.013 min
Response: 5762675
Conc: 52.10 ug/ml



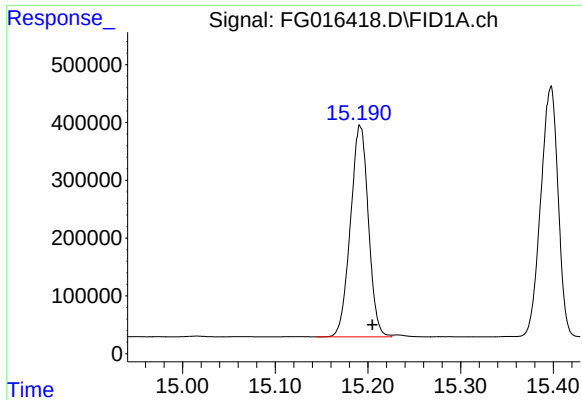
#7 N-EICOSANE

R.T.: 13.078 min
Delta R.T.: -0.013 min
Response: 5867805
Conc: 51.92 ug/ml



#8 N-DOCOSANE

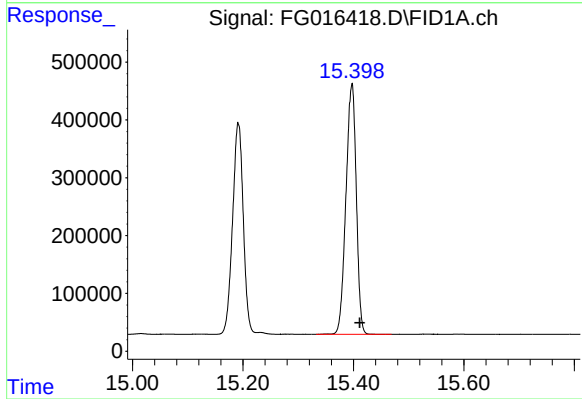
R.T.: 14.286 min
Delta R.T.: -0.014 min
Response: 5678478
Conc: 51.69 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

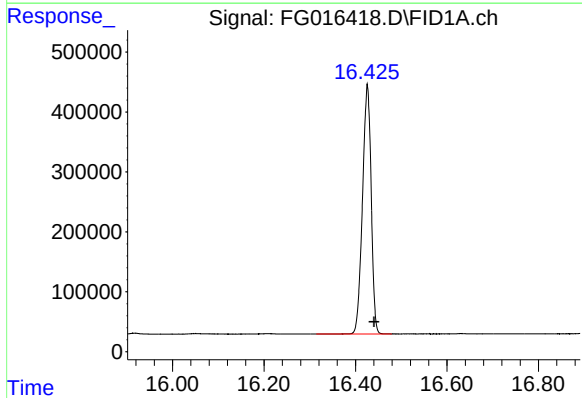
R.T.: 15.192 min
Delta R.T.: -0.013 min
Response: 4922951
Conc: 51.67 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



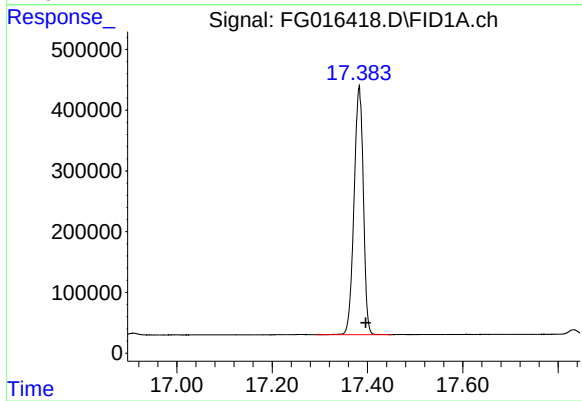
#10 N-TETRACOSANE

R.T.: 15.397 min
Delta R.T.: -0.014 min
Response: 5644338
Conc: 51.51 ug/ml



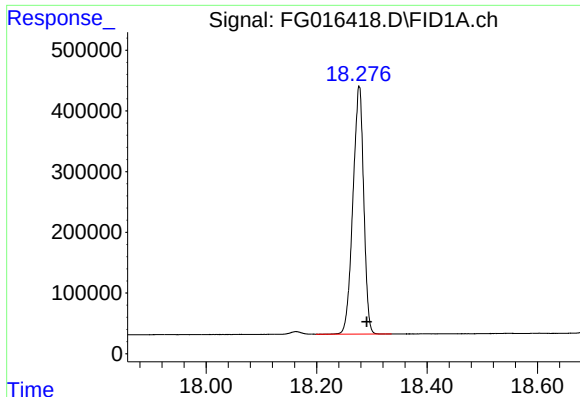
#11 N-HEXACOSANE

R.T.: 16.426 min
Delta R.T.: -0.014 min
Response: 5475307
Conc: 51.20 ug/ml



#12 N-OCTACOSANE

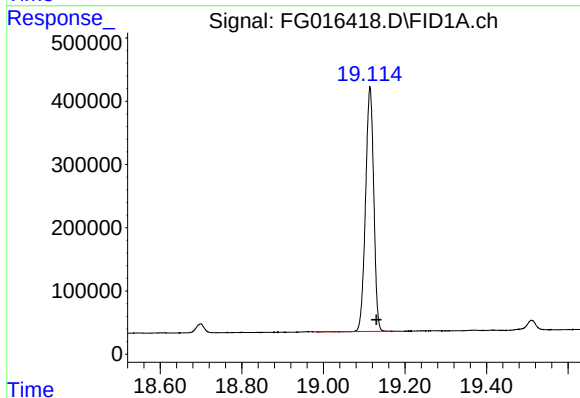
R.T.: 17.383 min
Delta R.T.: -0.014 min
Response: 5495028
Conc: 51.01 ug/ml



#13 N-TRIACONTANE

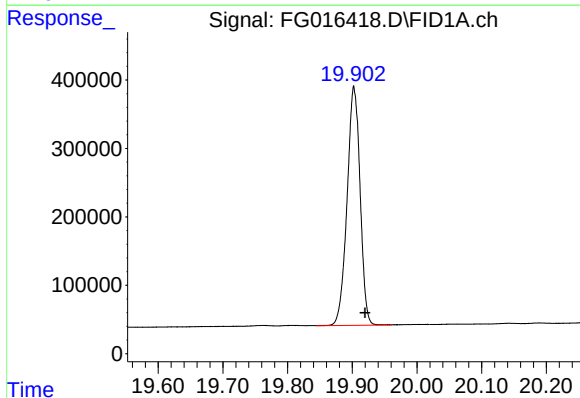
R.T.: 18.277 min
Delta R.T.: -0.014 min
Response: 5535385
Conc: 50.80 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



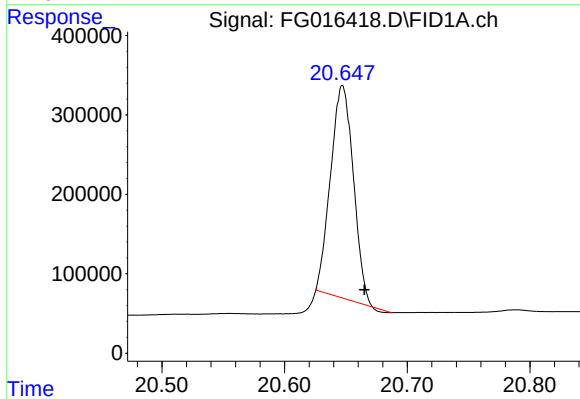
#14 N-DOTRIACONTANE

R.T.: 19.114 min
Delta R.T.: -0.016 min
Response: 5376995
Conc: 51.05 ug/ml



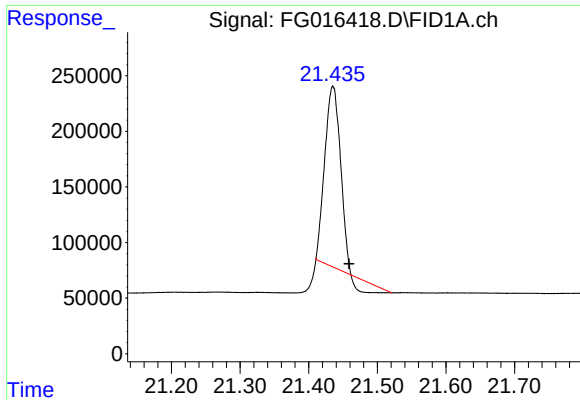
#15 N-TETRATRIACONTANE

R.T.: 19.903 min
Delta R.T.: -0.017 min
Response: 4881437
Conc: 51.23 ug/ml



#16 N-HEXATRIACONTANE

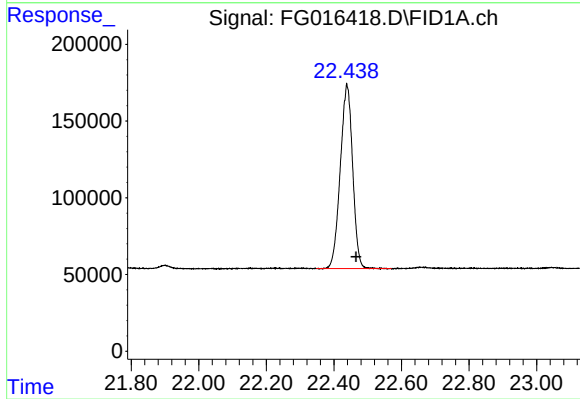
R.T.: 20.647 min
Delta R.T.: -0.018 min
Response: 3444234
Conc: 46.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.435 min
Delta R.T.: -0.024 min
Response: 2373981
Conc: 39.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.438 min
Delta R.T.: -0.027 min
Response: 3041570
Conc: 72.36 ug/ml