

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121025\
 Data File : FG017151.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2025 08:38
 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: Dec 11 00:17:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.135	4791737	46.046 ug/ml
Target Compounds			
1) N-OCTANE	2.074	5591660	44.923 ug/ml
2) N-DECANE	4.611	5540903	46.449 ug/ml
3) N-DODECANE	6.794	5606297	46.936 ug/ml
4) N-TETRADECANE	8.633	5564102	48.078 ug/ml
5) N-HEXADECANE	10.251	5488966	47.970 ug/ml
6) N-OCTADECANE	11.704	5620935	46.865 ug/ml
7) N-EICOSANE	13.023	5729741	46.093 ug/ml
8) N-DOCOSANE	14.230	5510783	46.156 ug/ml
10) N-TETRACOSANE	15.341	5417814	46.113 ug/ml
11) N-HEXACOSANE	16.369	5181168	46.118 ug/ml
12) N-OCTACOSANE	17.325	5114587	45.327 ug/ml
13) N-TRIACONTANE	18.217	5034548	44.981 ug/ml
14) N-DOTRIACONTANE	19.055	4822450	44.609 ug/ml
15) N-TETRATRIACONTANE	19.843	4496317	44.851 ug/ml
16) N-HEXATRIACONTANE	20.587	3915188	44.888 ug/ml
17) N-OCTATRIACONTANE	21.362	3407726	44.689 ug/ml
18) N-TETRACONTANE	22.341	2796216	44.693 ug/ml

(f)=RT Delta > 1/2 Window

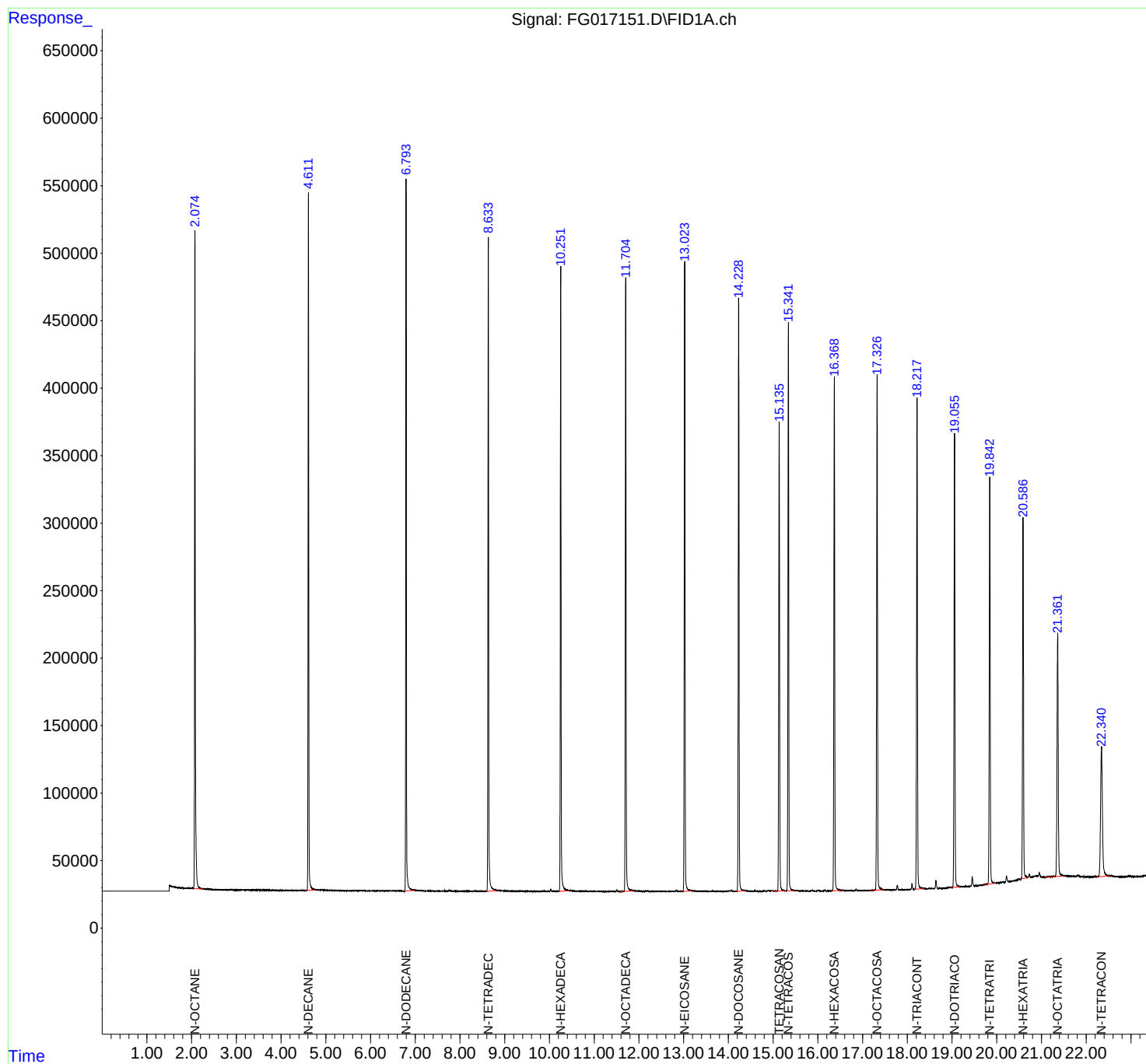
(m)=manual int.

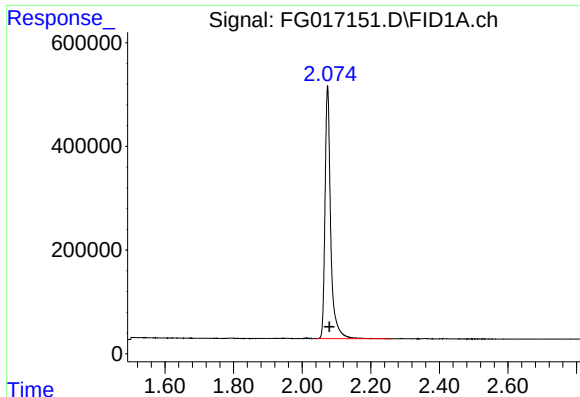
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
Quant Title :
QLast Update : Mon Dec 01 15:19:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

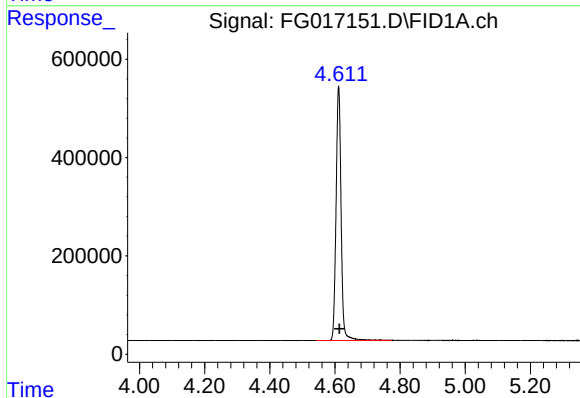




#1 N-OCTANE

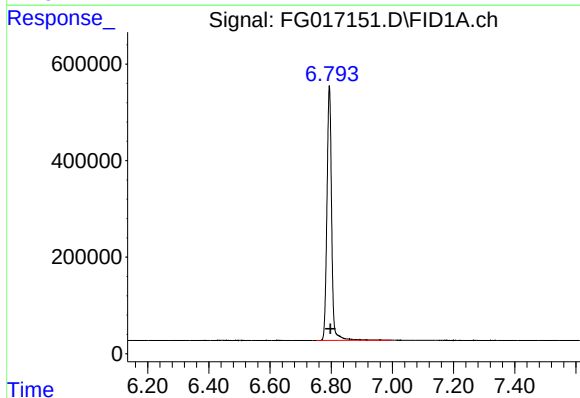
R.T.: 2.074 min
Delta R.T.: -0.005 min
Response: 5591660
Conc: 44.92 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



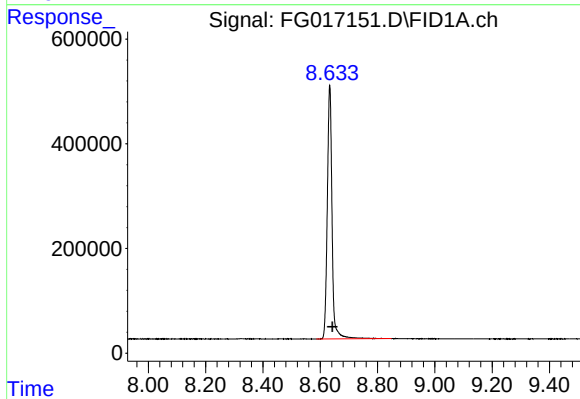
#2 N-DECANE

R.T.: 4.611 min
Delta R.T.: -0.002 min
Response: 5540903
Conc: 46.45 ug/ml



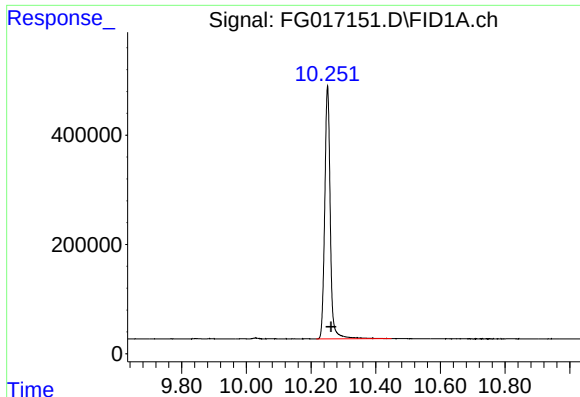
#3 N-DODECANE

R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 5606297
Conc: 46.94 ug/ml



#4 N-TETRADECANE

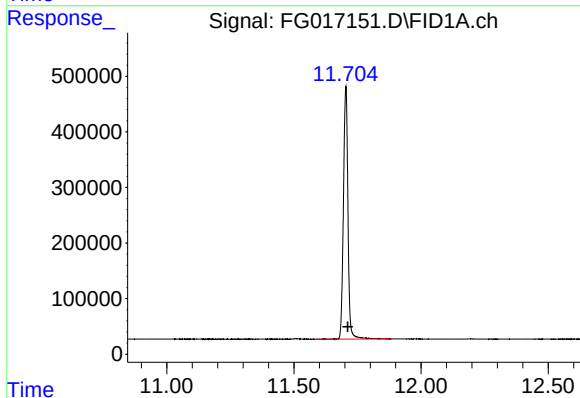
R.T.: 8.633 min
Delta R.T.: -0.009 min
Response: 5564102
Conc: 48.08 ug/ml



#5 N-HEXADECANE

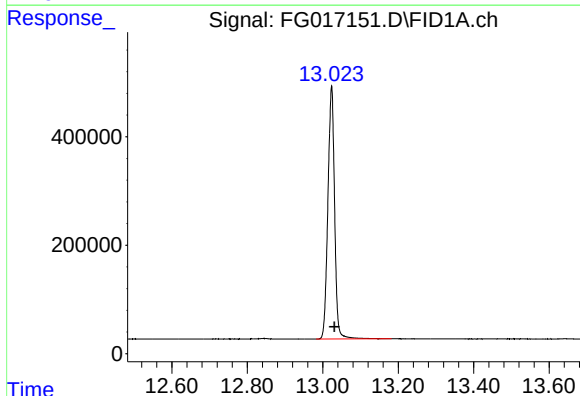
R.T.: 10.251 min
Delta R.T.: -0.011 min
Response: 5488966
Conc: 47.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



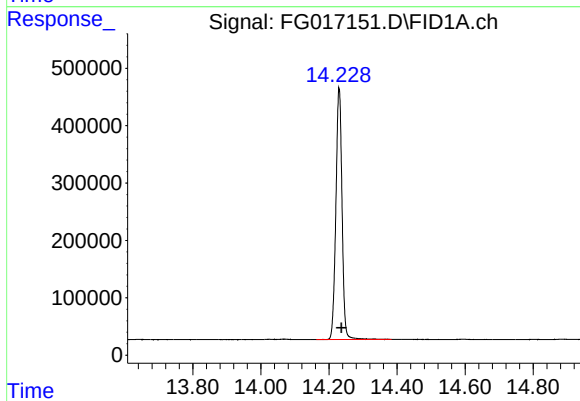
#6 N-OCTADECANE

R.T.: 11.704 min
Delta R.T.: -0.008 min
Response: 5620935
Conc: 46.86 ug/ml



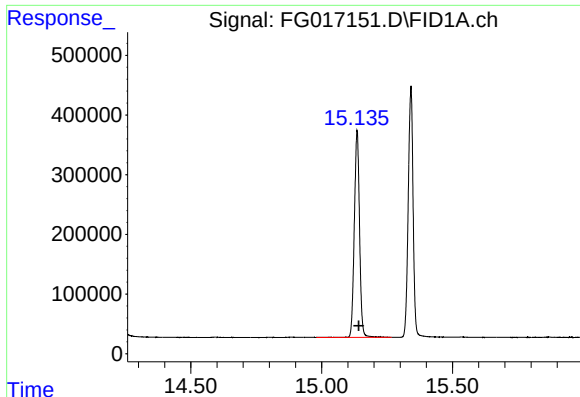
#7 N-EICOSANE

R.T.: 13.023 min
Delta R.T.: -0.008 min
Response: 5729741
Conc: 46.09 ug/ml



#8 N-DOCOSANE

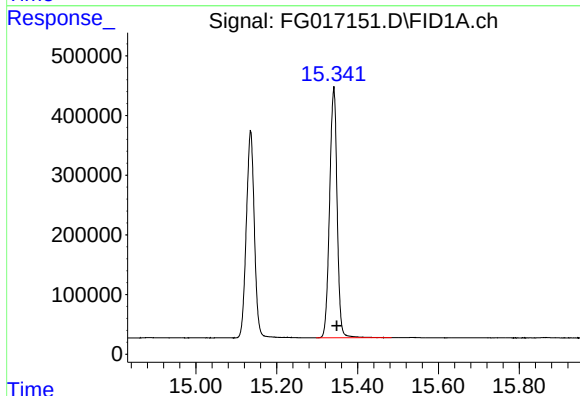
R.T.: 14.230 min
Delta R.T.: -0.007 min
Response: 5510783
Conc: 46.16 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

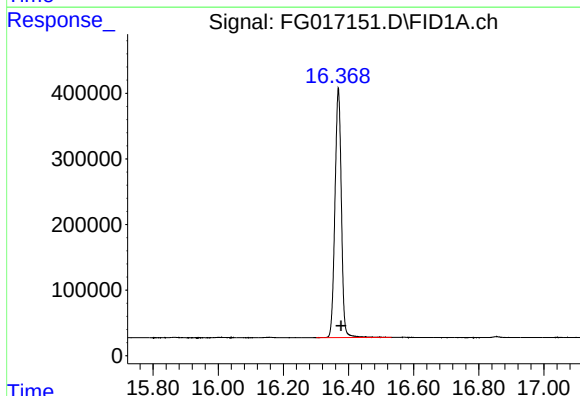
R.T.: 15.135 min
Delta R.T.: -0.007 min
Response: 4791737
Conc: 46.05 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



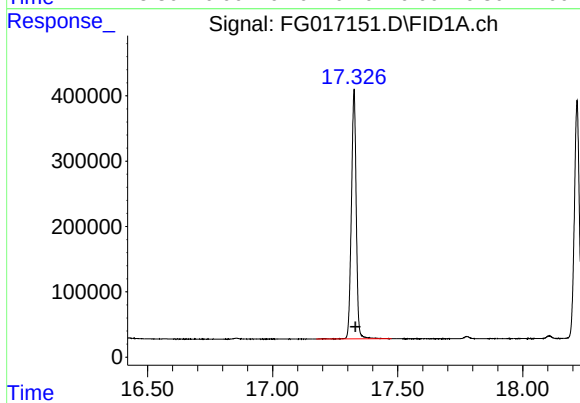
#10 N-TETRACOSANE

R.T.: 15.341 min
Delta R.T.: -0.007 min
Response: 5417814
Conc: 46.11 ug/ml



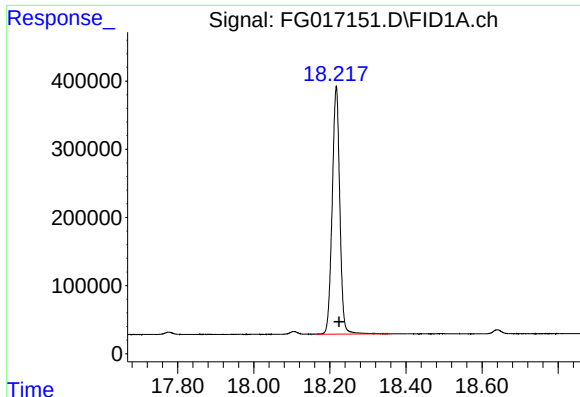
#11 N-HEXACOSANE

R.T.: 16.369 min
Delta R.T.: -0.008 min
Response: 5181168
Conc: 46.12 ug/ml



#12 N-OCTACOSANE

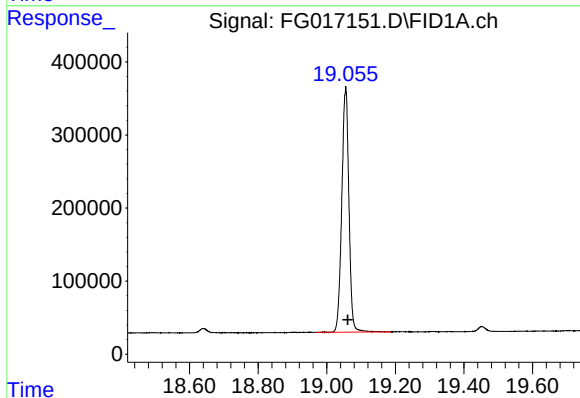
R.T.: 17.325 min
Delta R.T.: -0.006 min
Response: 5114587
Conc: 45.33 ug/ml



#13 N-TRIACONTANE

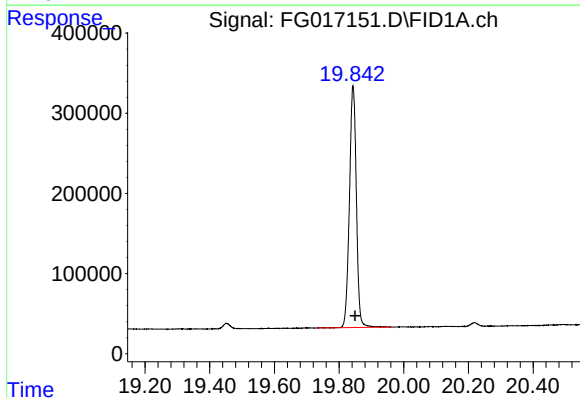
R.T.: 18.217 min
Delta R.T.: -0.007 min
Response: 5034548
Conc: 44.98 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



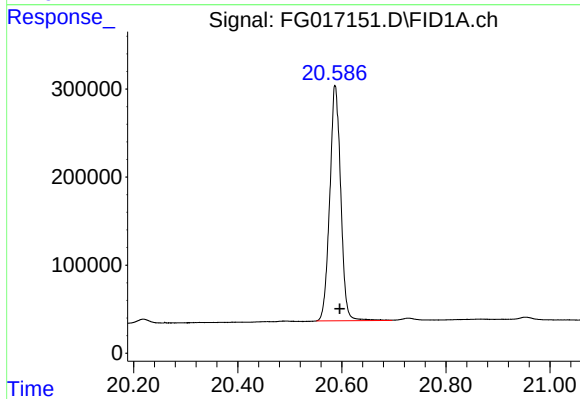
#14 N-DOTRIACONTANE

R.T.: 19.055 min
Delta R.T.: -0.006 min
Response: 4822450
Conc: 44.61 ug/ml



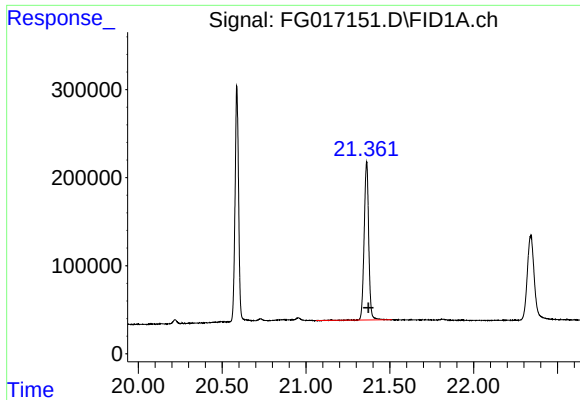
#15 N-TETRATRIACONTANE

R.T.: 19.843 min
Delta R.T.: -0.006 min
Response: 4496317
Conc: 44.85 ug/ml



#16 N-HEXATRIACONTANE

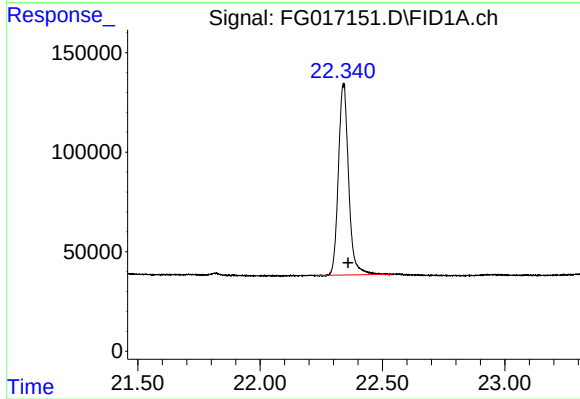
R.T.: 20.587 min
Delta R.T.: -0.008 min
Response: 3915188
Conc: 44.89 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.362 min
Delta R.T.: -0.011 min
Response: 3407726
Conc: 44.69 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.341 min
Delta R.T.: -0.018 min
Response: 2796216
Conc: 44.69 ug/ml