

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101124\
 Data File : FG014414.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 15:24
 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: Oct 14 03:01:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 2024
 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...	14.911	5807336	46.898 ug/ml
Target Compounds			
1) N-OCTANE	1.937	6221392	49.405 ug/ml
2) N-DECANE	4.432	6119892	51.953 ug/ml
3) N-DODECANE	6.606	6297395	53.812 ug/ml
4) N-TETRADECANE	8.438	6250628	51.474 ug/ml
5) N-HEXADECANE	10.049	6465463	50.793 ug/ml
6) N-OCTADECANE	11.495	6576695	49.203 ug/ml
7) N-EICOSANE	12.808	6657003	47.893 ug/ml
8) N-DOCOSANE	14.009	6493496	47.341 ug/ml
10) N-TETRACOSANE	15.115	6468258	46.922 ug/ml
11) N-HEXACOSANE	16.139	6429405	46.508 ug/ml
12) N-OCTACOSANE	17.092	6311803	46.060 ug/ml
13) N-TRIACONTANE	17.981	6296416	45.410 ug/ml
14) N-DOTRIACONTANE	18.815	6143854	45.069 ug/ml
15) N-TETRATRIACONTANE	19.600	5920645	44.987 ug/ml
16) N-HEXATRIACONTANE	20.344	5572569	43.543 ug/ml
17) N-OCTATRIACONTANE	21.070	5258419	45.966 ug/ml
18) N-TETRACONTANE	21.958	4970150	46.300 ug/ml

(f)=RT Delta > 1/2 Window

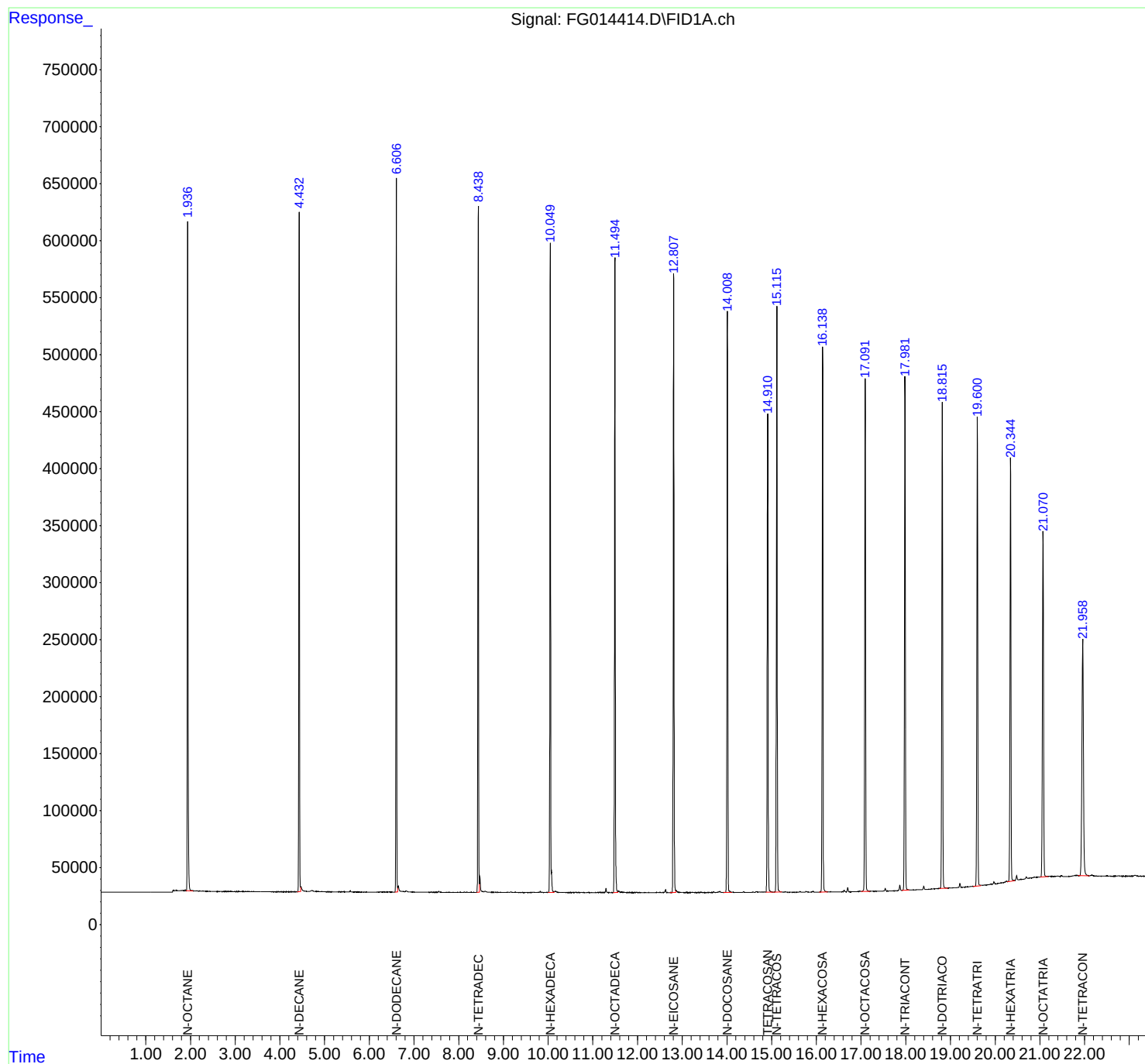
(m)=manual int.

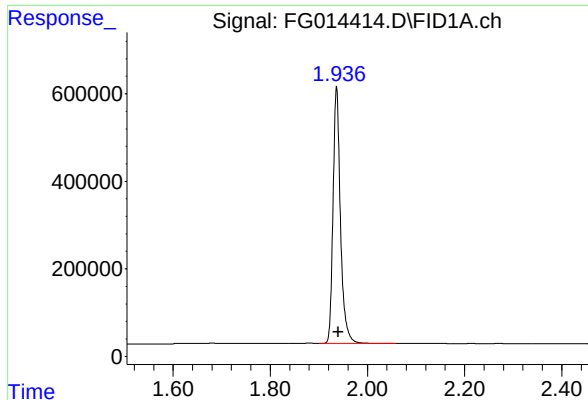
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

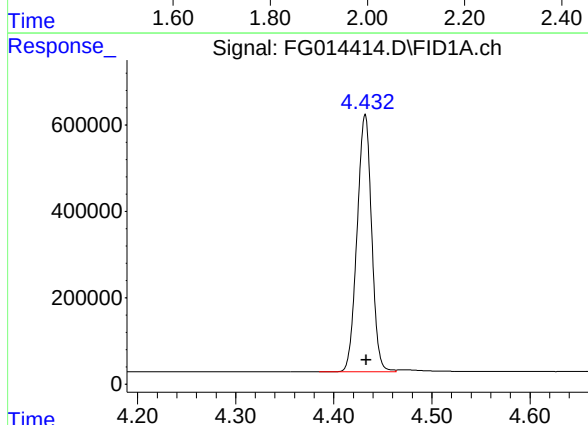




#1 N-OCTANE

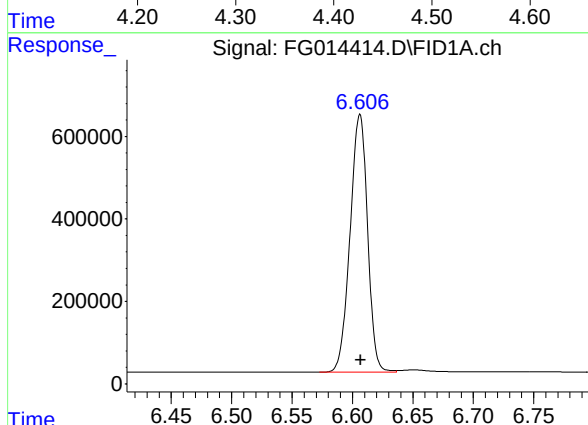
R.T.: 1.937 min
Delta R.T.: -0.003 min
Response: 6221392
Conc: 49.40 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



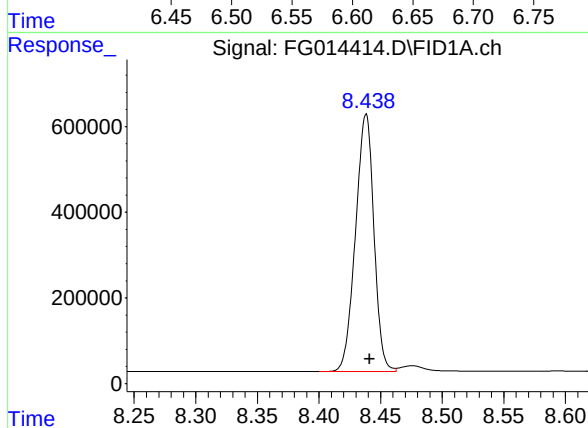
#2 N-DECANE

R.T.: 4.432 min
Delta R.T.: -0.001 min
Response: 6119892
Conc: 51.95 ug/ml



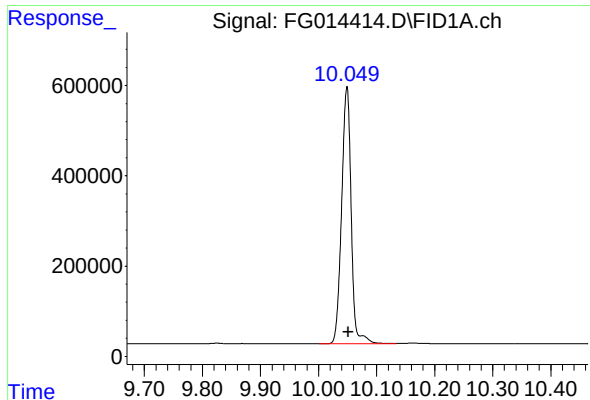
#3 N-DODECANE

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 6297395
Conc: 53.81 ug/ml



#4 N-TETRADECANE

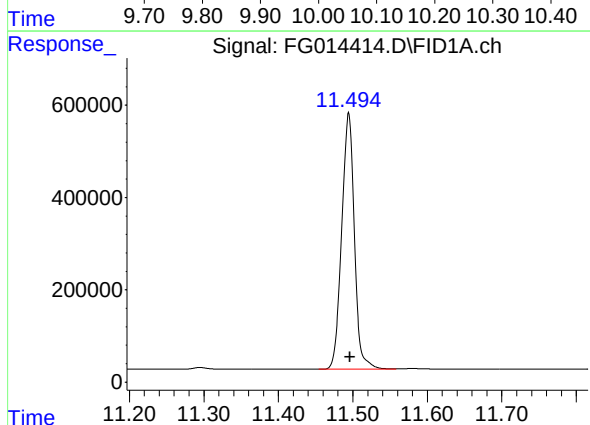
R.T.: 8.438 min
Delta R.T.: -0.003 min
Response: 6250628
Conc: 51.47 ug/ml



#5 N-HEXADECANE

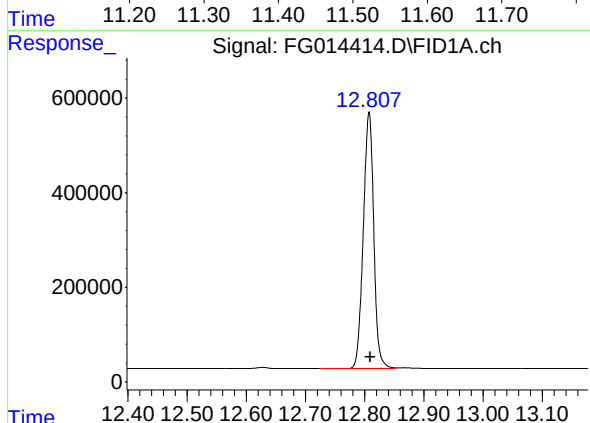
R.T.: 10.049 min
Delta R.T.: -0.002 min
Response: 6465463
Conc: 50.79 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



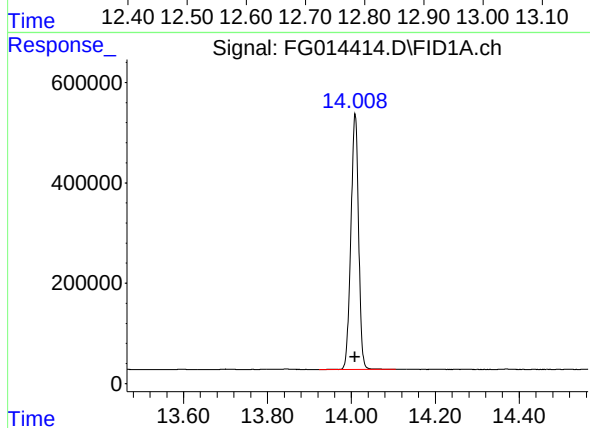
#6 N-OCTADECANE

R.T.: 11.495 min
Delta R.T.: -0.002 min
Response: 6576695
Conc: 49.20 ug/ml



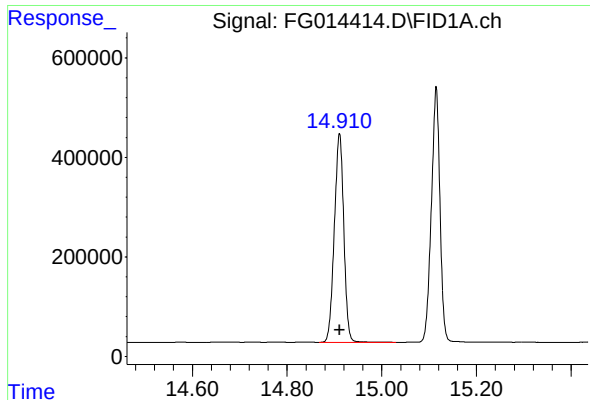
#7 N-EICOSANE

R.T.: 12.808 min
Delta R.T.: -0.002 min
Response: 6657003
Conc: 47.89 ug/ml



#8 N-DOCOSANE

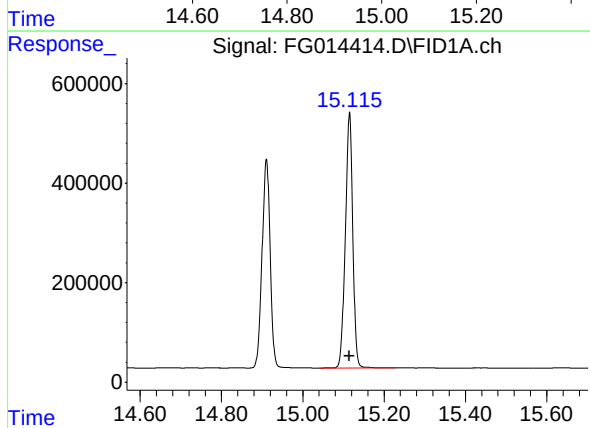
R.T.: 14.009 min
Delta R.T.: 0.000 min
Response: 6493496
Conc: 47.34 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

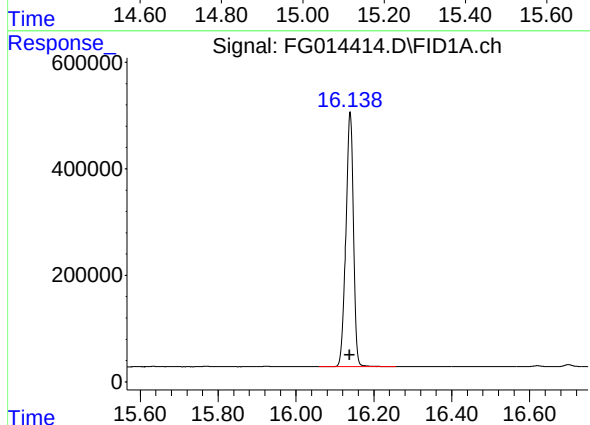
R.T.: 14.911 min
Delta R.T.: 0.000 min
Response: 5807336
Conc: 46.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



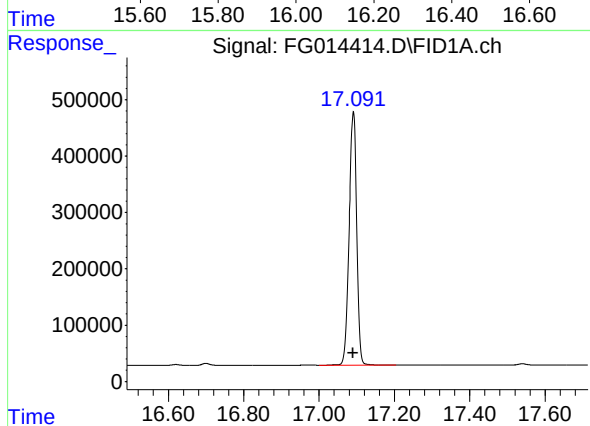
#10 N-TETRACOSANE

R.T.: 15.115 min
Delta R.T.: 0.000 min
Response: 6468258
Conc: 46.92 ug/ml



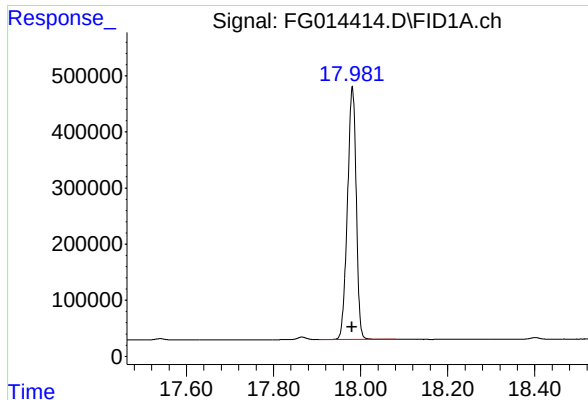
#11 N-HEXACOSANE

R.T.: 16.139 min
Delta R.T.: 0.000 min
Response: 6429405
Conc: 46.51 ug/ml



#12 N-OCTACOSANE

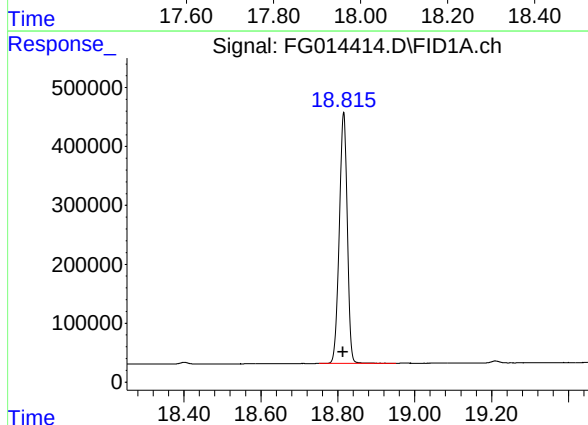
R.T.: 17.092 min
Delta R.T.: 0.002 min
Response: 6311803
Conc: 46.06 ug/ml



#13 N-TRIACONTANE

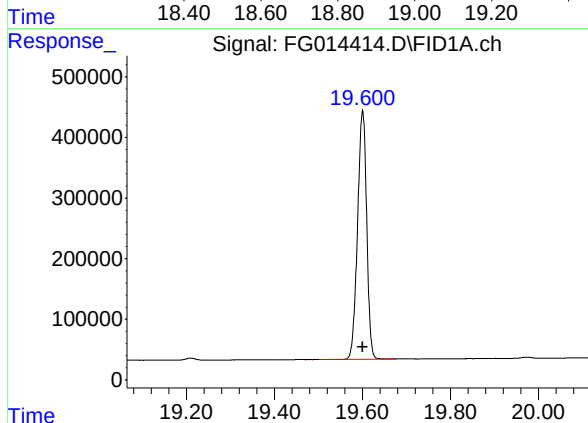
R.T.: 17.981 min
Delta R.T.: 0.000 min
Response: 6296416
Conc: 45.41 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



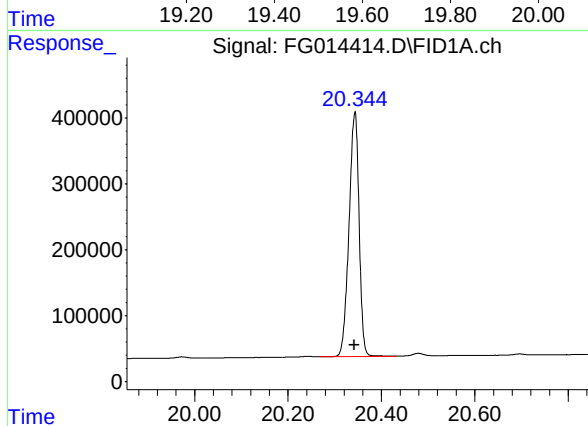
#14 N-DOTRIACONTANE

R.T.: 18.815 min
Delta R.T.: 0.002 min
Response: 6143854
Conc: 45.07 ug/ml



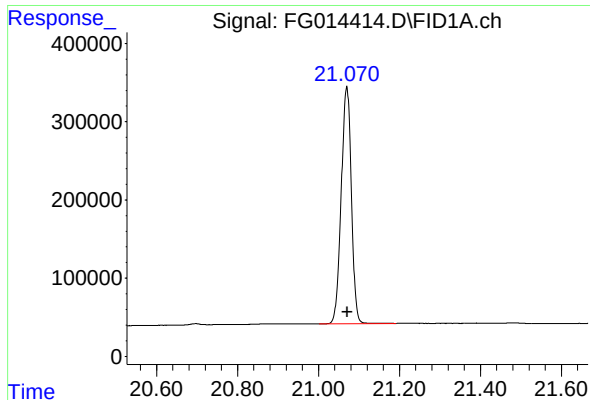
#15 N-TETRATRIACONTANE

R.T.: 19.600 min
Delta R.T.: 0.000 min
Response: 5920645
Conc: 44.99 ug/ml



#16 N-HEXATRIACONTANE

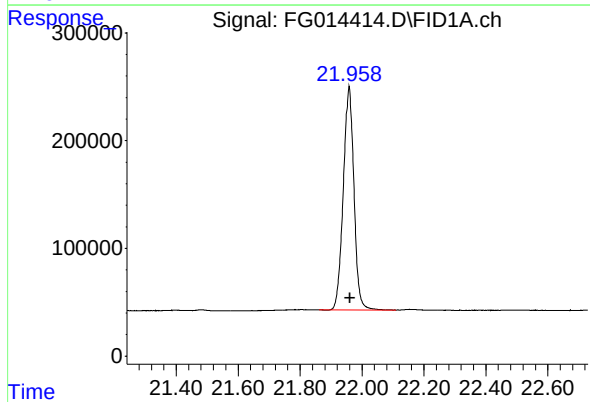
R.T.: 20.344 min
Delta R.T.: 0.001 min
Response: 5572569
Conc: 43.54 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.070 min
Delta R.T.: 0.000 min
Response: 5258419
Conc: 45.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.958 min
Delta R.T.: -0.003 min
Response: 4970150
Conc: 46.30 ug/ml