

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020725\
 Data File : FG015359.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 14:28
 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: Feb 08 05:55:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 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...	15.044	5691564	44.370 ug/ml
Target Compounds			
1) N-OCTANE	1.997	5655668	46.350 ug/ml
2) N-DECANE	4.535	5821377	45.067 ug/ml
3) N-DODECANE	6.719	6088369	44.690 ug/ml
4) N-TETRADECANE	8.556	6031842	44.071 ug/ml
5) N-HEXADECANE	10.172	6219003	44.071 ug/ml
6) N-OCTADECANE	11.622	6477134	44.156 ug/ml
7) N-EICOSANE	12.938	6363102	43.767 ug/ml
8) N-DOCOSANE	14.142	6284303	43.804 ug/ml
10) N-TETRACOSANE	15.249	6265438	43.868 ug/ml
11) N-HEXACOSANE	16.274	6152884	43.687 ug/ml
12) N-OCTACOSANE	17.227	6098188	43.548 ug/ml
13) N-TRIACONTANE	18.118	6031154	42.393 ug/ml
14) N-DOTRIACONTANE	18.954	5682418	40.885 ug/ml
15) N-TETRATRIACONTANE	19.737	4634185	36.986 ug/ml
16) N-HEXATRIACONTANE	20.478	3652656	33.801 ug/ml
17) N-OCTATRIACONTANE	21.228	3272379	33.175 ug/ml
18) N-TETRACONTANE	22.165	3211877	34.593 ug/ml

(f)=RT Delta > 1/2 Window

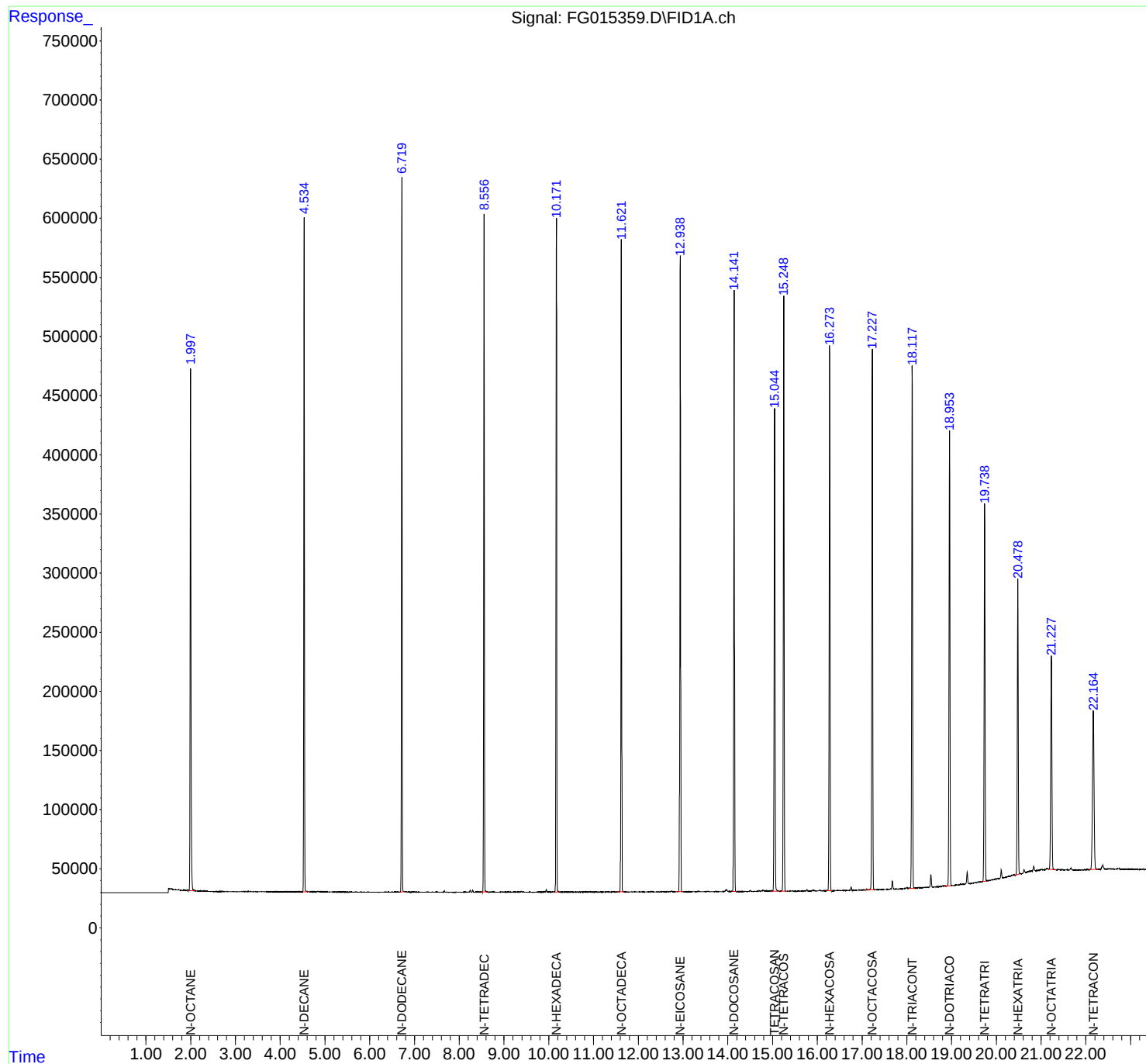
(m)=manual int.

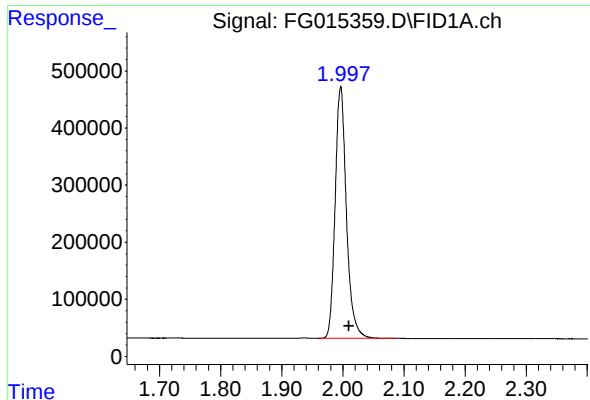
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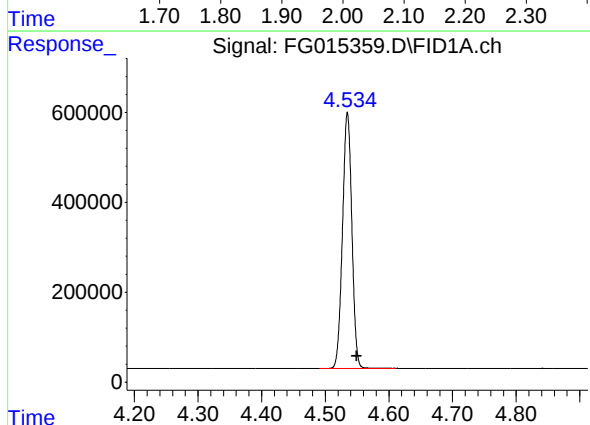




#1 N-OCTANE

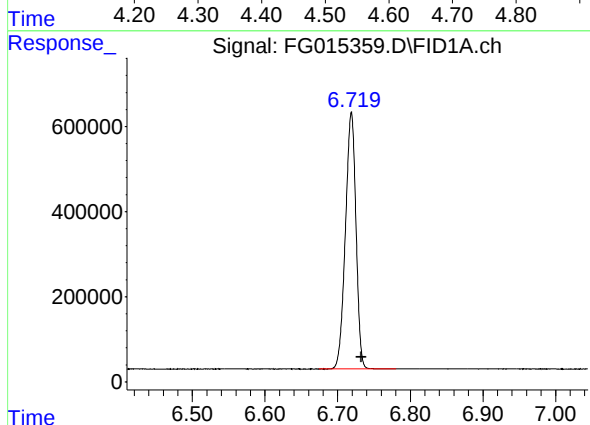
R.T.: 1.997 min
Delta R.T.: -0.013 min
Response: 5655668
Conc: 46.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



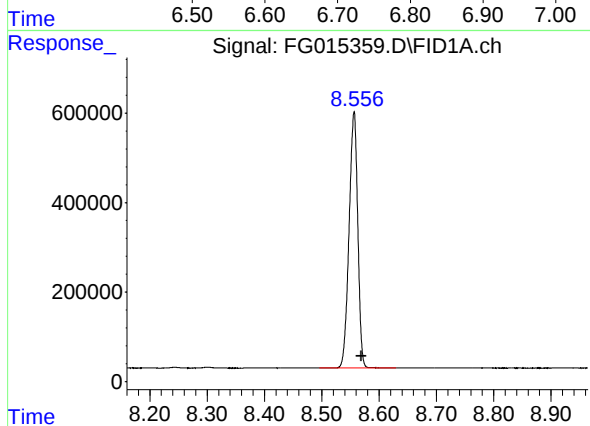
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.014 min
Response: 5821377
Conc: 45.07 ug/ml



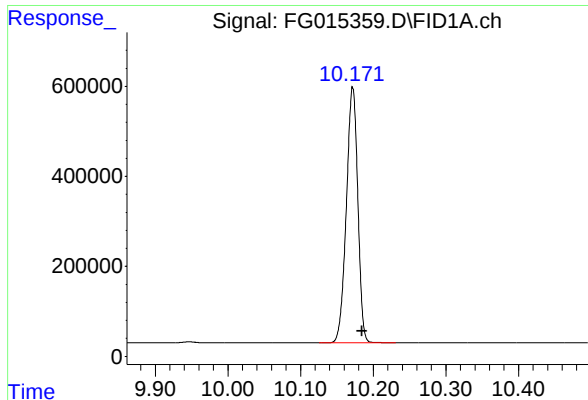
#3 N-DODECANE

R.T.: 6.719 min
Delta R.T.: -0.014 min
Response: 6088369
Conc: 44.69 ug/ml



#4 N-TETRADECANE

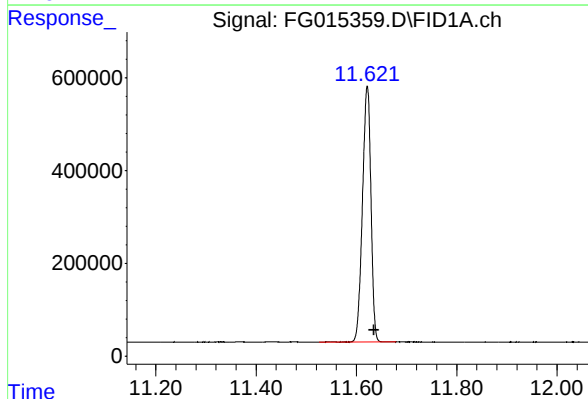
R.T.: 8.556 min
Delta R.T.: -0.013 min
Response: 6031842
Conc: 44.07 ug/ml



#5 N-HEXADECANE

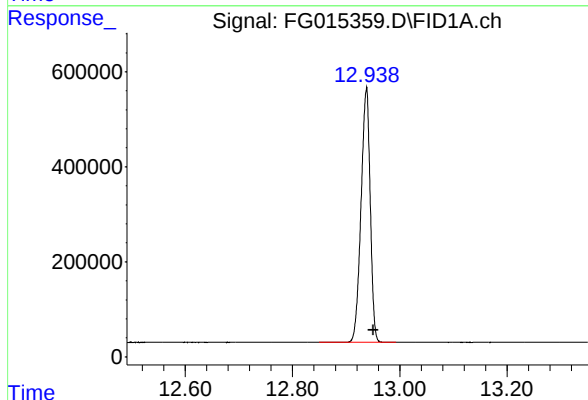
R.T.: 10.172 min
Delta R.T.: -0.013 min
Response: 6219003
Conc: 44.07 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



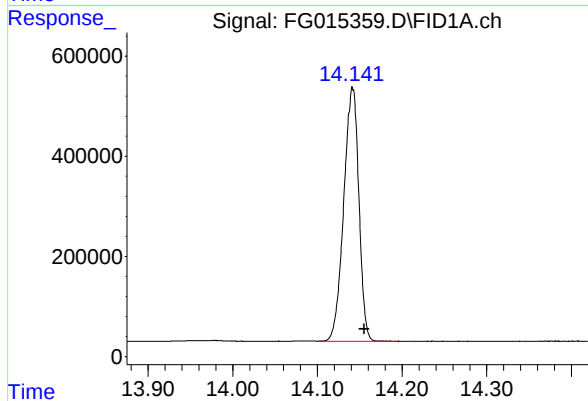
#6 N-OCTADECANE

R.T.: 11.622 min
Delta R.T.: -0.013 min
Response: 6477134
Conc: 44.16 ug/ml



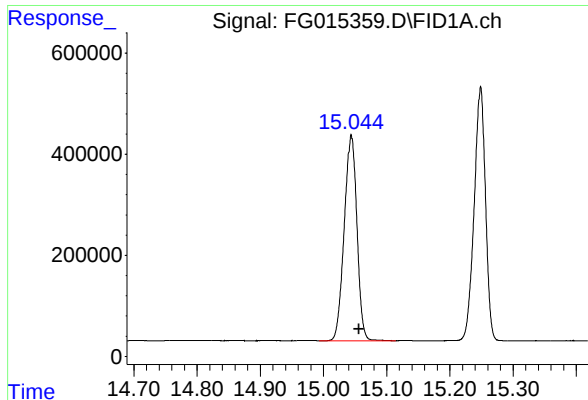
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: -0.013 min
Response: 6363102
Conc: 43.77 ug/ml



#8 N-DOCOSANE

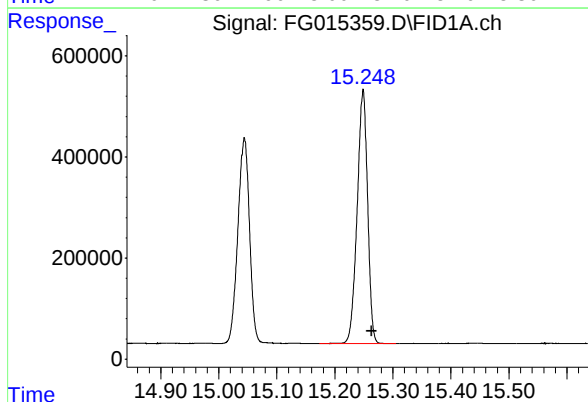
R.T.: 14.142 min
Delta R.T.: -0.014 min
Response: 6284303
Conc: 43.80 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

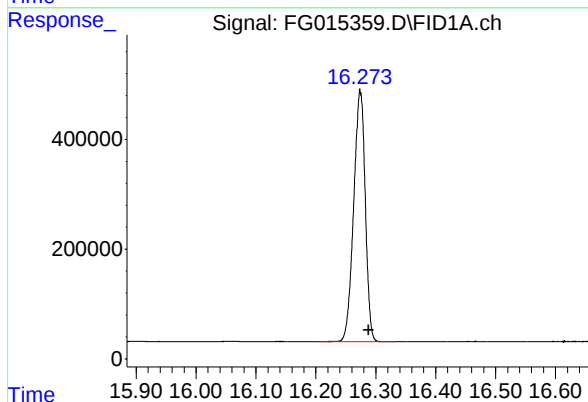
R.T.: 15.044 min
Delta R.T.: -0.012 min
Response: 5691564
Conc: 44.37 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



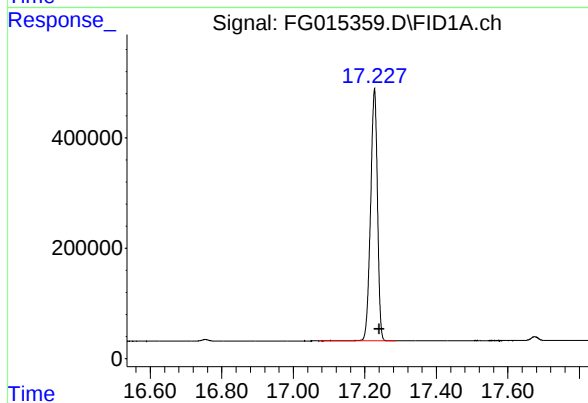
#10 N-TETRACOSANE

R.T.: 15.249 min
Delta R.T.: -0.014 min
Response: 6265438
Conc: 43.87 ug/ml



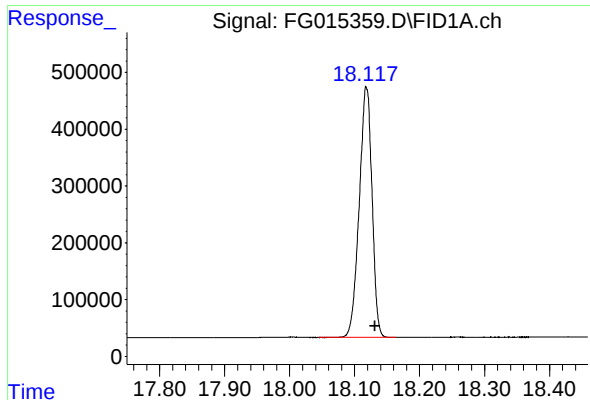
#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.014 min
Response: 6152884
Conc: 43.69 ug/ml



#12 N-OCTACOSANE

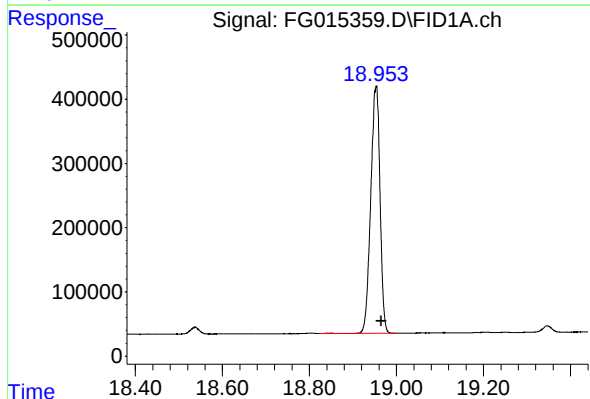
R.T.: 17.227 min
Delta R.T.: -0.013 min
Response: 6098188
Conc: 43.55 ug/ml



#13 N-TRIACONTANE

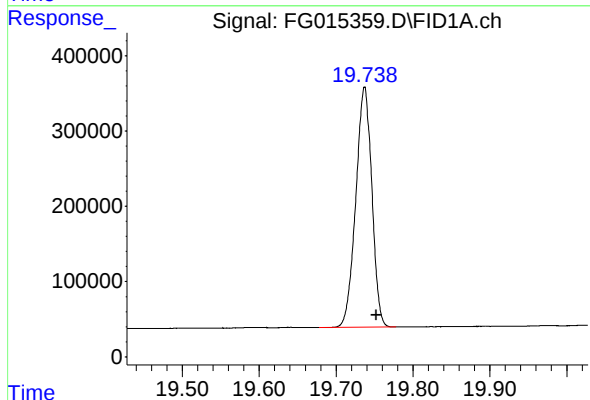
R.T.: 18.118 min
Delta R.T.: -0.013 min
Response: 6031154
Conc: 42.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



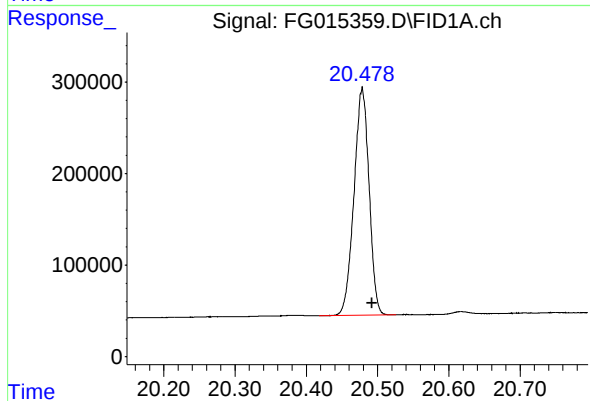
#14 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: -0.012 min
Response: 5682418
Conc: 40.89 ug/ml



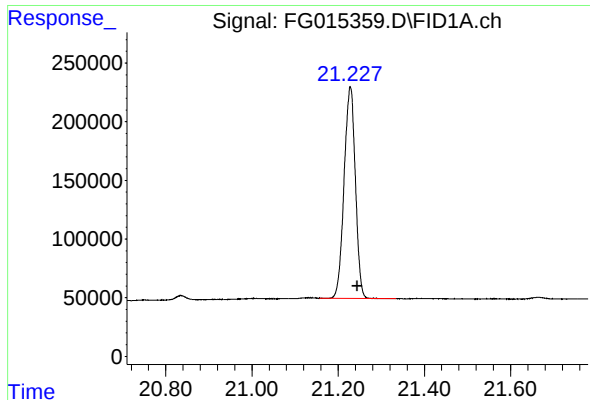
#15 N-TETRATRIACONTANE

R.T.: 19.737 min
Delta R.T.: -0.015 min
Response: 4634185
Conc: 36.99 ug/ml



#16 N-HEXATRIACONTANE

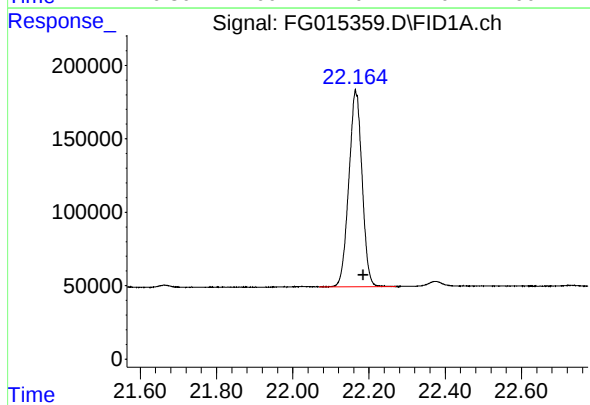
R.T.: 20.478 min
Delta R.T.: -0.014 min
Response: 3652656
Conc: 33.80 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.228 min
Delta R.T.: -0.016 min
Response: 3272379
Conc: 33.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.165 min
Delta R.T.: -0.021 min
Response: 3211877
Conc: 34.59 ug/ml