

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG063025\
 Data File : FG016176.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2025 14:09
 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: Jul 01 01:57:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 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...	15.201	5415293	46.166 ug/ml
Target Compounds			
1) N-OCTANE	2.129	5849854	47.445 ug/ml
2) N-DECANE	4.677	5974898	47.623 ug/ml
3) N-DODECANE	6.857	6076022	47.616 ug/ml
4) N-TETRADECANE	8.698	6102258	47.285 ug/ml
5) N-HEXADECANE	10.316	6137941	47.026 ug/ml
6) N-OCTADECANE	11.770	6262162	46.760 ug/ml
7) N-EICOSANE	13.089	6281702	46.435 ug/ml
8) N-DOCOSANE	14.296	6107757	46.328 ug/ml
10) N-TETRACOSANE	15.407	6077412	46.135 ug/ml
11) N-HEXACOSANE	16.434	6008428	45.898 ug/ml
12) N-OCTACOSANE	17.391	5898950	45.663 ug/ml
13) N-TRIACONTANE	18.284	5852357	45.274 ug/ml
14) N-DOTRIACONTANE	19.120	5598925	45.073 ug/ml
15) N-TETRATRIACONTANE	19.908	5164494	46.978 ug/ml
16) N-HEXATRIACONTANE	20.651	4641304	50.319 ug/ml
17) N-OCTATRIACONTANE	21.441	4310450	54.758 ug/ml
18) N-TETRACONTANE	22.443	4054792	57.687 ug/ml

(f)=RT Delta > 1/2 Window

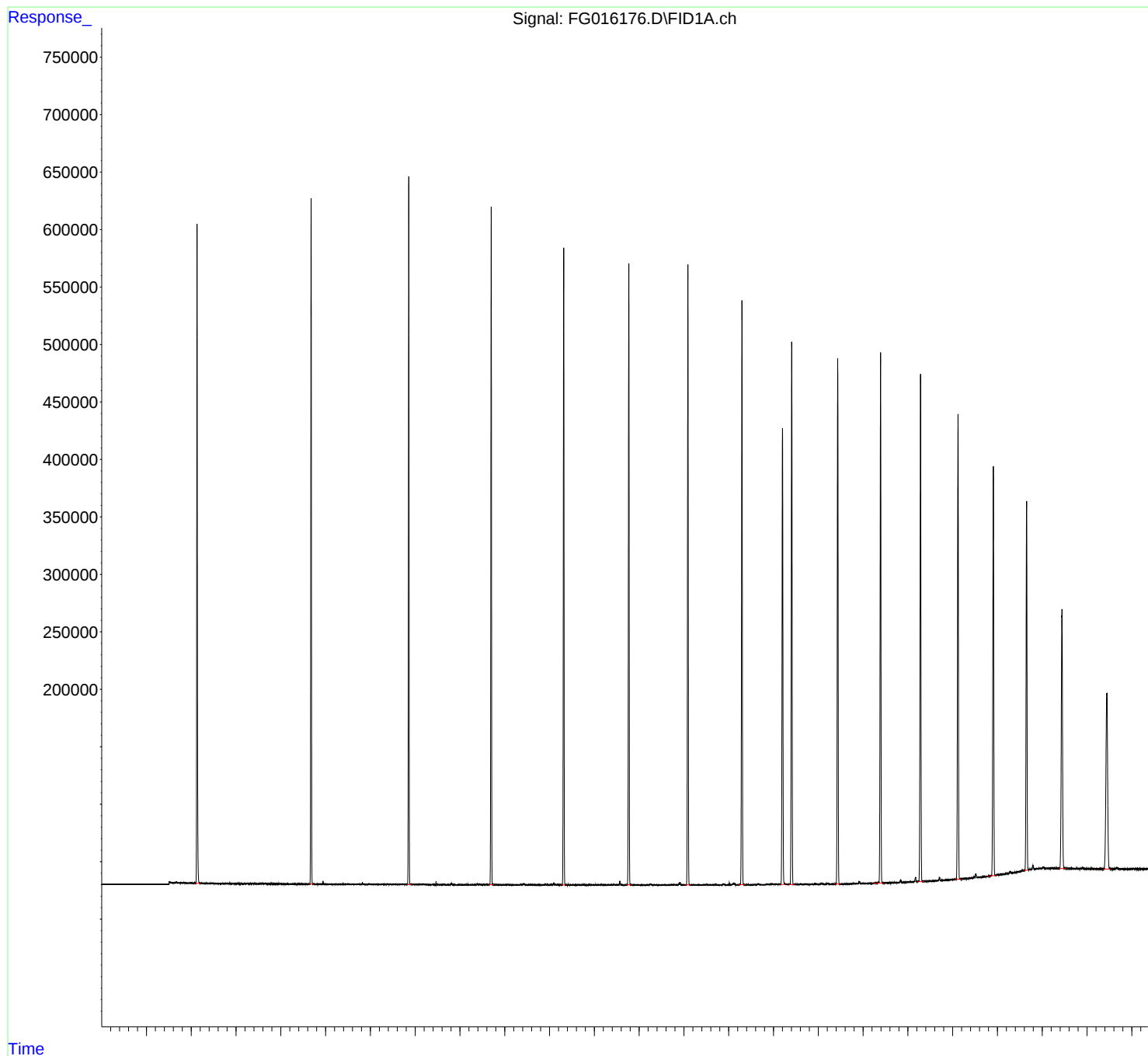
(m)=manual int.

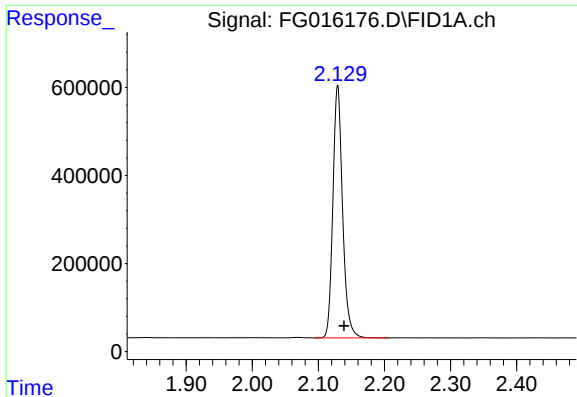
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Signal Info : 20mx0.18mmx0.18um

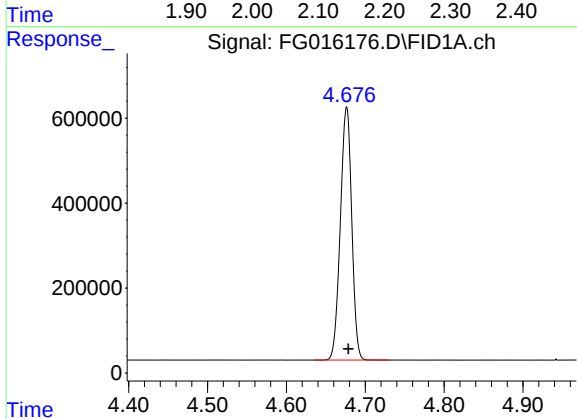




#1 N-OCTANE

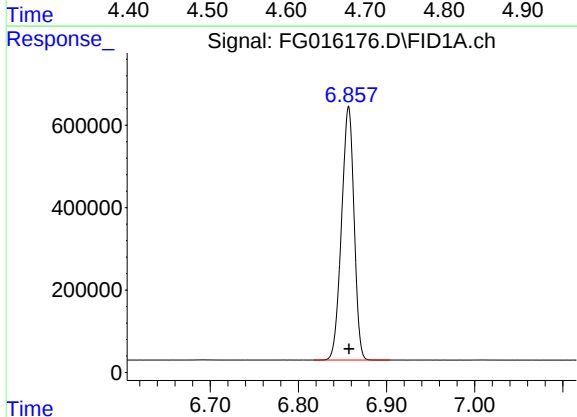
R.T.: 2.129 min
Delta R.T.: -0.010 min
Response: 5849854
Conc: 47.45 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



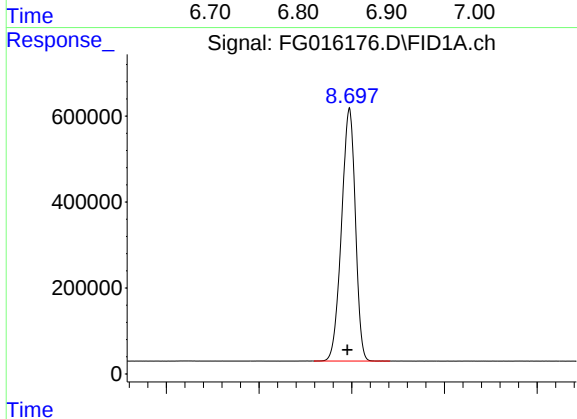
#2 N-DECANE

R.T.: 4.677 min
Delta R.T.: -0.002 min
Response: 5974898
Conc: 47.62 ug/ml



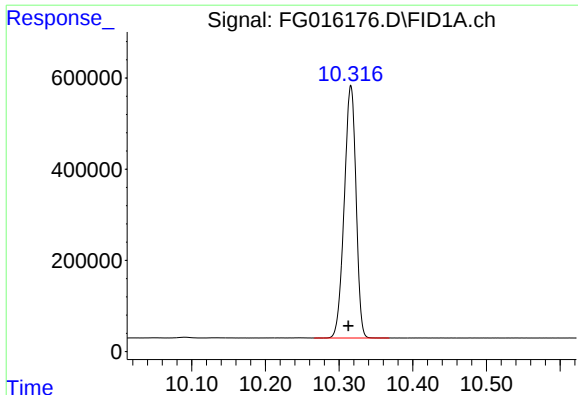
#3 N-DODECANE

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 6076022
Conc: 47.62 ug/ml



#4 N-TETRADECANE

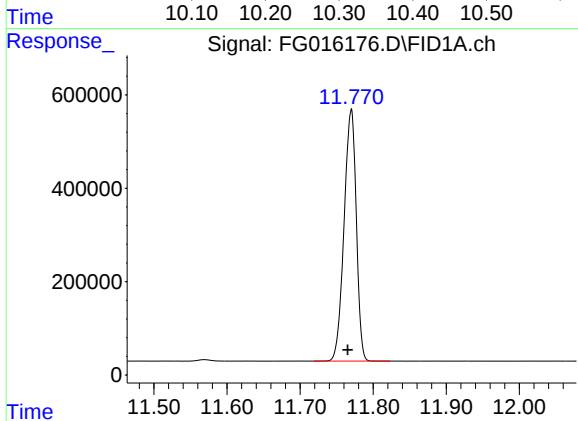
R.T.: 8.698 min
Delta R.T.: 0.002 min
Response: 6102258
Conc: 47.29 ug/ml



#5 N-HEXADECANE

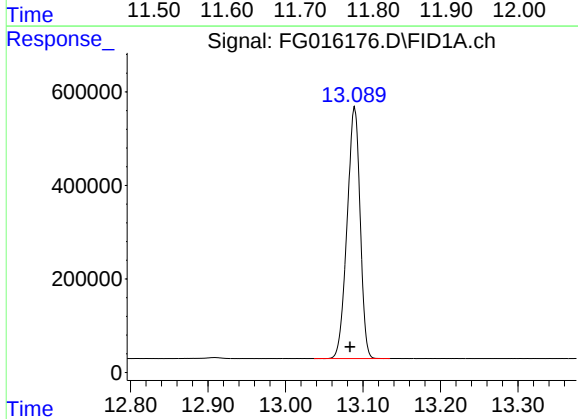
R.T.: 10.316 min
Delta R.T.: 0.004 min
Response: 6137941
Conc: 47.03 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



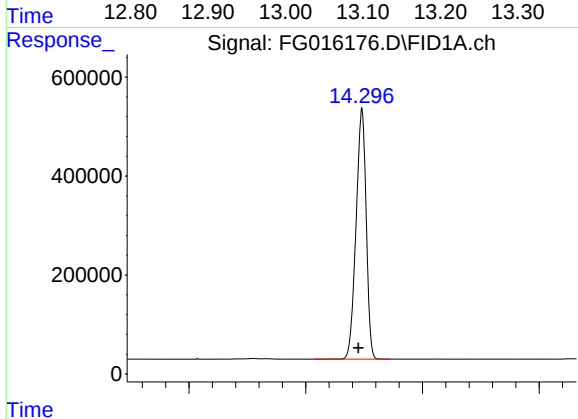
#6 N-OCTADECANE

R.T.: 11.770 min
Delta R.T.: 0.005 min
Response: 6262162
Conc: 46.76 ug/ml



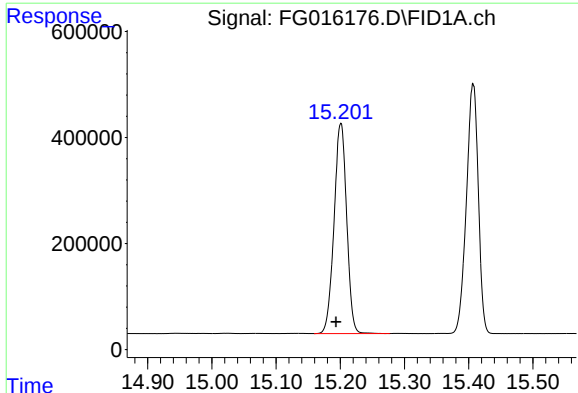
#7 N-EICOSANE

R.T.: 13.089 min
Delta R.T.: 0.006 min
Response: 6281702
Conc: 46.44 ug/ml



#8 N-DOCOSANE

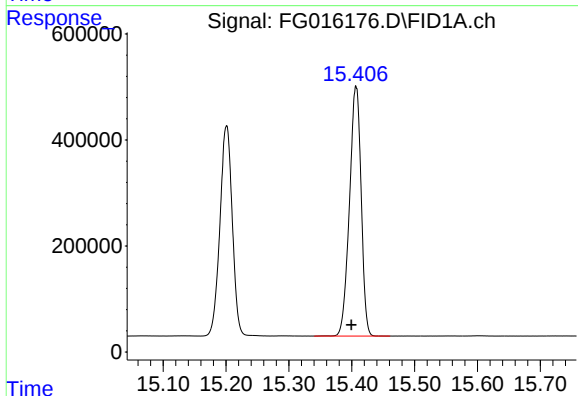
R.T.: 14.296 min
Delta R.T.: 0.006 min
Response: 6107757
Conc: 46.33 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

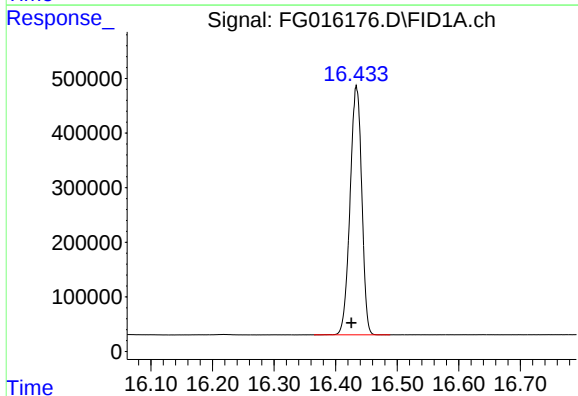
R.T.: 15.201 min
Delta R.T.: 0.007 min
Response: 5415293
Conc: 46.17 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



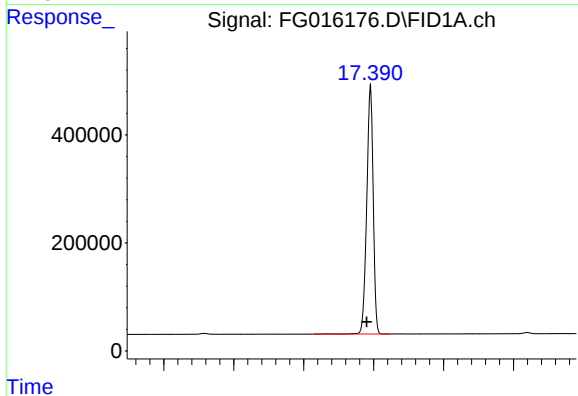
#10 N-TETRACOSANE

R.T.: 15.407 min
Delta R.T.: 0.007 min
Response: 6077412
Conc: 46.13 ug/ml



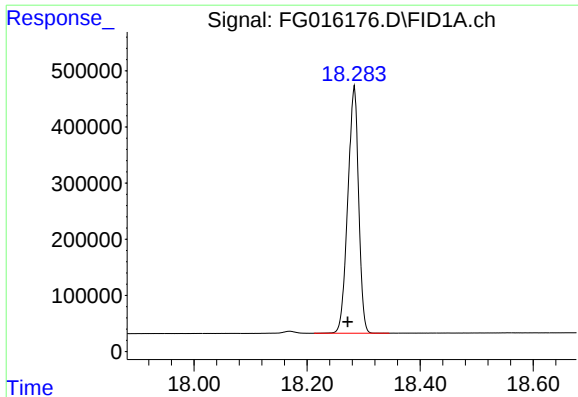
#11 N-HEXACOSANE

R.T.: 16.434 min
Delta R.T.: 0.008 min
Response: 6008428
Conc: 45.90 ug/ml



#12 N-OCTACOSANE

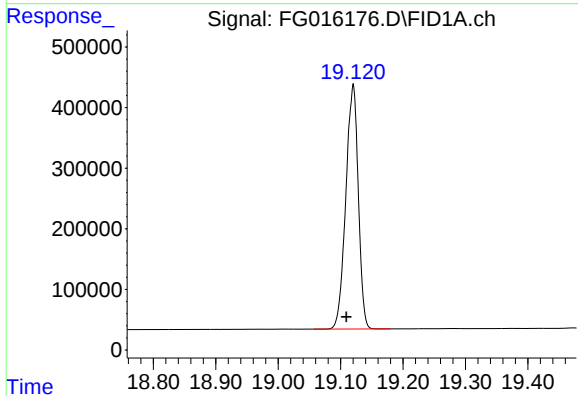
R.T.: 17.391 min
Delta R.T.: 0.011 min
Response: 5898950
Conc: 45.66 ug/ml



#13 N-TRIACONTANE

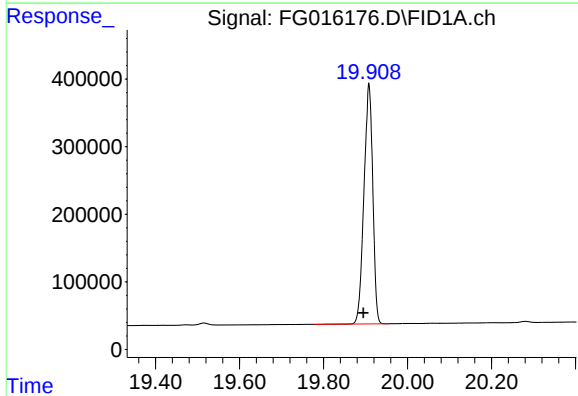
R.T.: 18.284 min
Delta R.T.: 0.012 min
Response: 5852357
Conc: 45.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



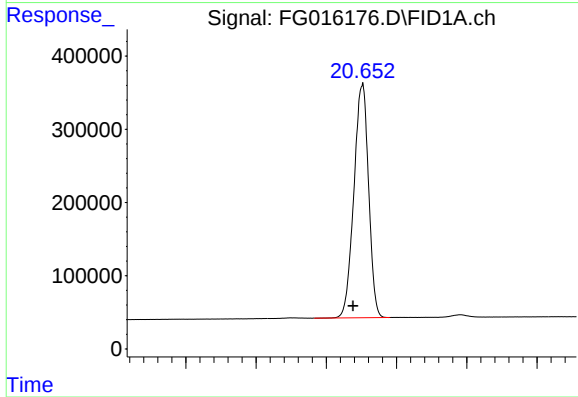
#14 N-DOTRIACONTANE

R.T.: 19.120 min
Delta R.T.: 0.011 min
Response: 5598925
Conc: 45.07 ug/ml



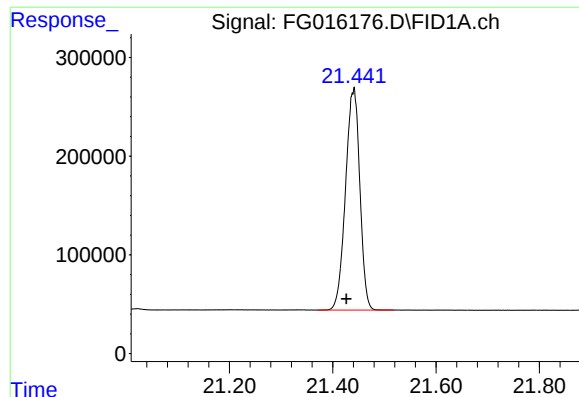
#15 N-TETRATRIACONTANE

R.T.: 19.908 min
Delta R.T.: 0.014 min
Response: 5164494
Conc: 46.98 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.651 min
Delta R.T.: 0.014 min
Response: 4641304
Conc: 50.32 ug/ml



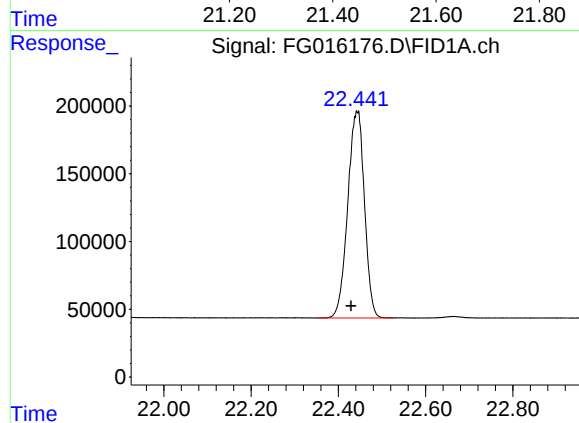
#17 N-OCTATRIACONTANE

R.T.: 21.441 min
Delta R.T.: 0.015 min
Response: 4310450
Conc: 54.76 ug/ml

Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.443 min
Delta R.T.: 0.014 min
Response: 4054792
Conc: 57.69 ug/ml