

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031025\
 Data File : FG015469.D
 Signal(s) : FID1A.ch
 Acq On : 10 Mar 2025 14:57
 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: Mar 11 02:04:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.037	5618483	51.604 ug/ml
Target Compounds			
1) N-OCTANE	1.990	5342140	48.597 ug/ml
2) N-DECANE	4.531	5778586	51.931 ug/ml
3) N-DODECANE	6.715	6253614	53.809 ug/ml
4) N-TETRADECANE	8.553	6349964	55.107 ug/ml
5) N-HEXADECANE	10.167	6616315	55.744 ug/ml
6) N-OCTADECANE	11.617	6832745	55.171 ug/ml
7) N-EICOSANE	12.931	6571024	54.096 ug/ml
8) N-DOCOSANE	14.133	6332658	52.891 ug/ml
10) N-TETRACOSANE	15.241	6156699	51.557 ug/ml
11) N-HEXACOSANE	16.265	5939533	50.614 ug/ml
12) N-OCTACOSANE	17.219	5805671	50.156 ug/ml
13) N-TRIACONTANE	18.108	5811604	50.022 ug/ml
14) N-DOTRIACONTANE	18.943	5700038	49.406 ug/ml
15) N-TETRATRIACONTANE	19.728	5261494	48.992 ug/ml
16) N-HEXATRIACONTANE	20.468	4761400	49.667 ug/ml
17) N-OCTATRIACONTANE	21.214	4687161	52.519 ug/ml
18) N-TETRACONTANE	22.150	4500669	54.861 ug/ml

(f)=RT Delta > 1/2 Window

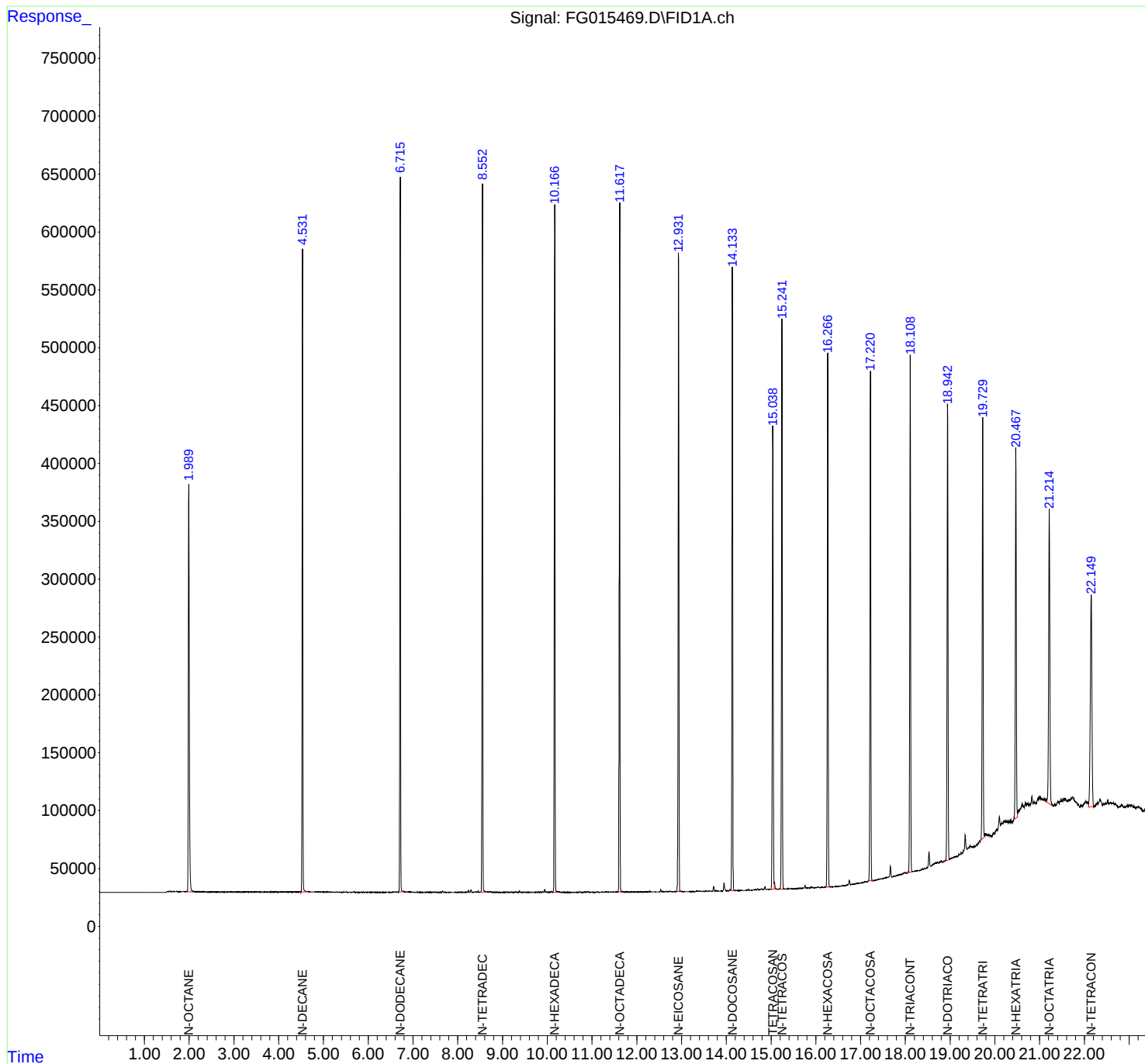
(m)=manual int.

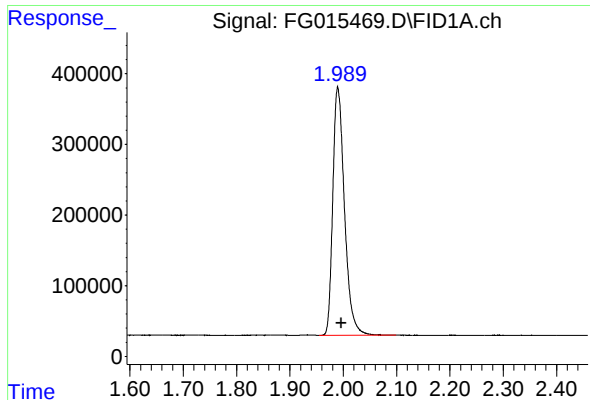
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

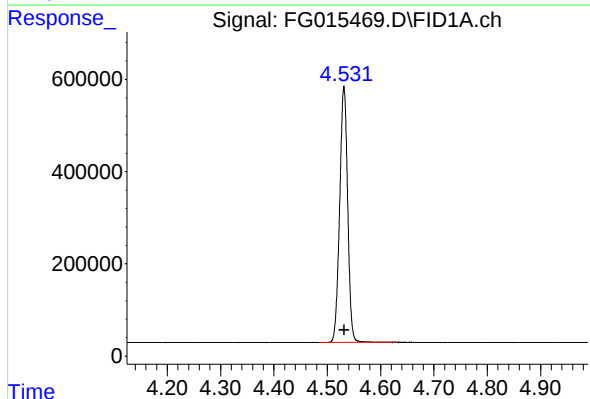




#1 N-OCTANE

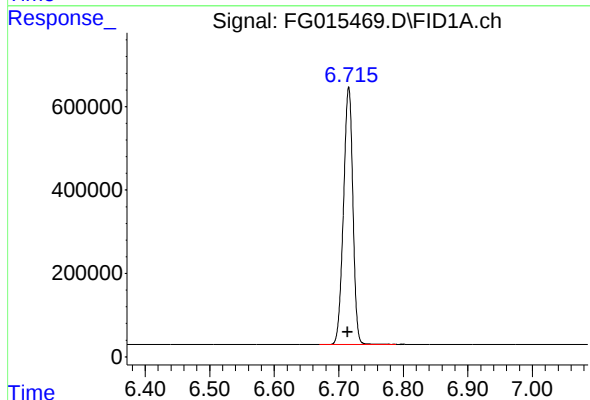
R.T.: 1.990 min
Delta R.T.: -0.006 min
Response: 5342140
Conc: 48.60 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



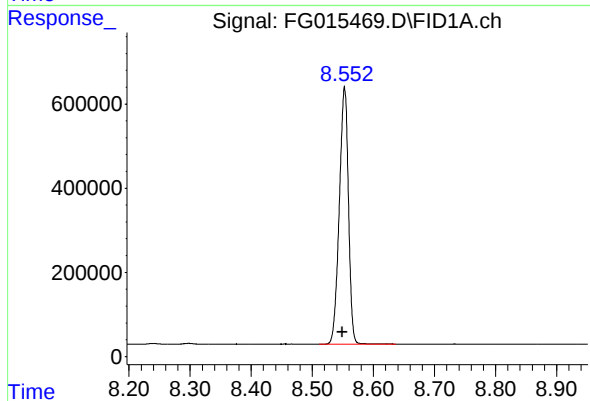
#2 N-DECANE

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 5778586
Conc: 51.93 ug/ml



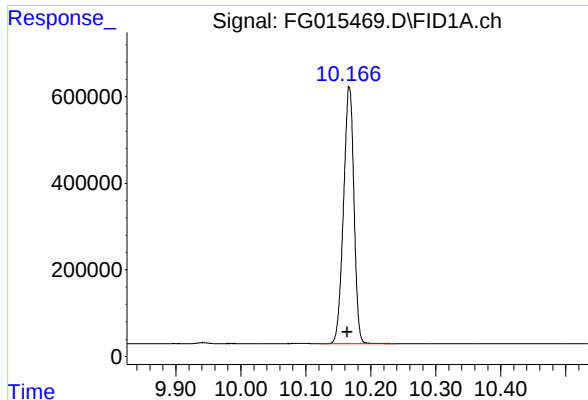
#3 N-DODECANE

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 6253614
Conc: 53.81 ug/ml



#4 N-TETRADECANE

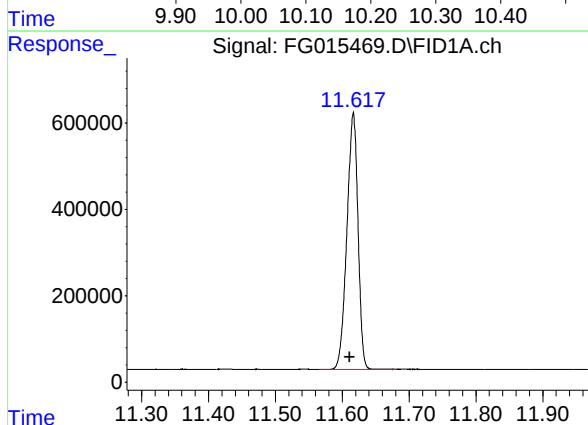
R.T.: 8.553 min
Delta R.T.: 0.003 min
Response: 6349964
Conc: 55.11 ug/ml



#5 N-HEXADECANE

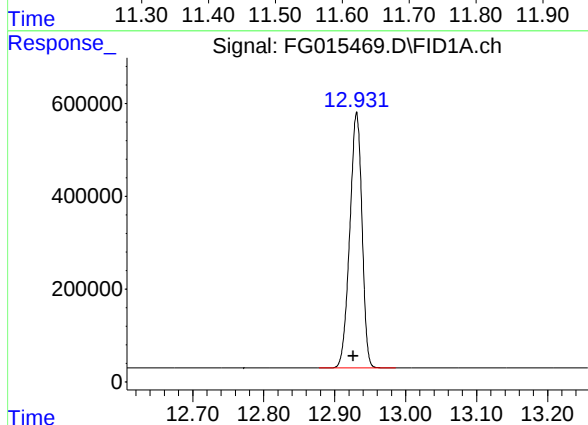
R.T.: 10.167 min
Delta R.T.: 0.003 min
Response: 6616315
Conc: 55.74 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



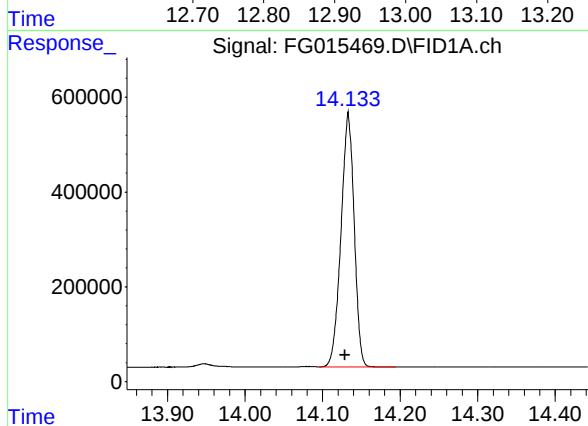
#6 N-OCTADECANE

R.T.: 11.617 min
Delta R.T.: 0.005 min
Response: 6832745
Conc: 55.17 ug/ml



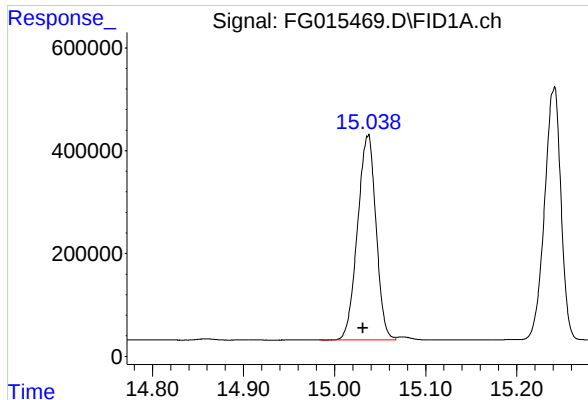
#7 N-EICOSANE

R.T.: 12.931 min
Delta R.T.: 0.005 min
Response: 6571024
Conc: 54.10 ug/ml



#8 N-DOCOSANE

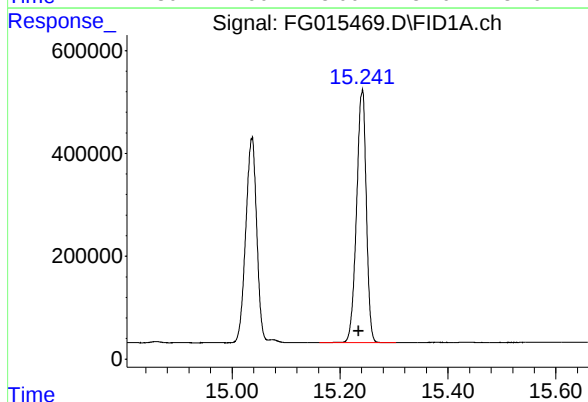
R.T.: 14.133 min
Delta R.T.: 0.004 min
Response: 6332658
Conc: 52.89 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

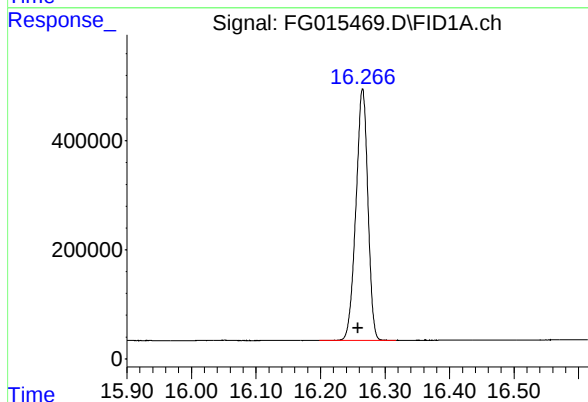
R.T.: 15.037 min
Delta R.T.: 0.006 min
Response: 5618483
Conc: 51.60 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



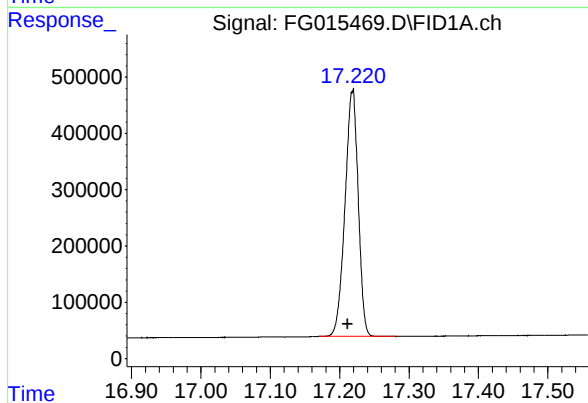
#10 N-TETRACOSANE

R.T.: 15.241 min
Delta R.T.: 0.007 min
Response: 6156699
Conc: 51.56 ug/ml



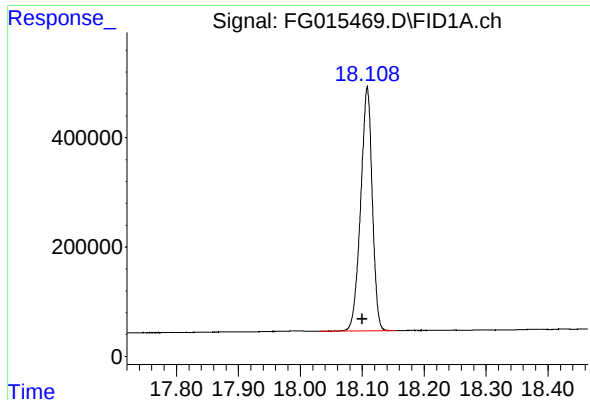
#11 N-HEXACOSANE

R.T.: 16.265 min
Delta R.T.: 0.007 min
Response: 5939533
Conc: 50.61 ug/ml



#12 N-OCTACOSANE

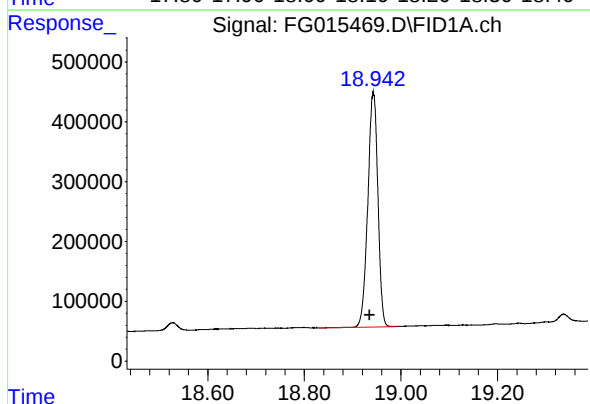
R.T.: 17.219 min
Delta R.T.: 0.007 min
Response: 5805671
Conc: 50.16 ug/ml



#13 N-TRIACONTANE

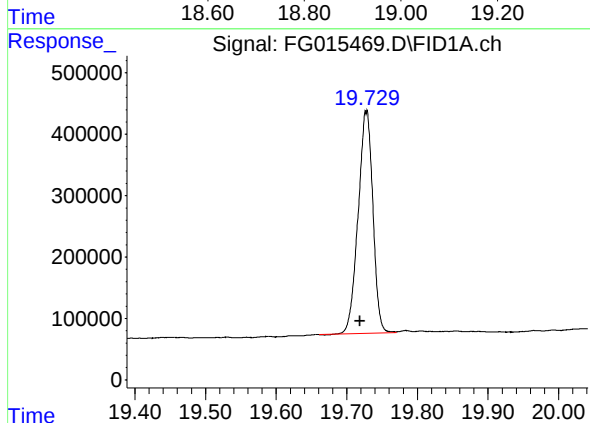
R.T.: 18.108 min
Delta R.T.: 0.008 min
Response: 5811604
Conc: 50.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



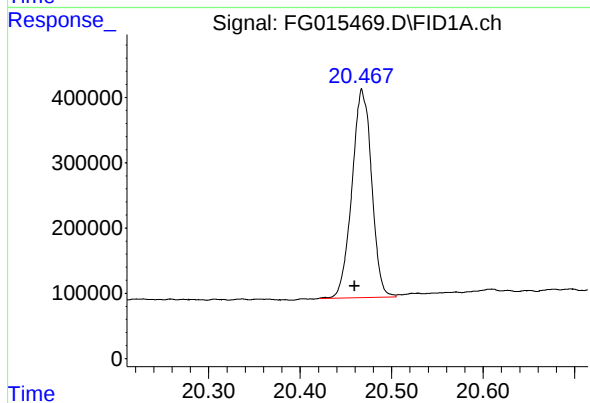
#14 N-DOTRIACONTANE

R.T.: 18.943 min
Delta R.T.: 0.008 min
Response: 5700038
Conc: 49.41 ug/ml



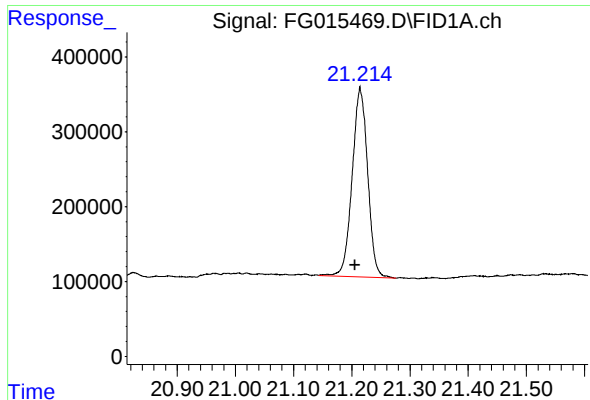
#15 N-TETRATRIACONTANE

R.T.: 19.728 min
Delta R.T.: 0.009 min
Response: 5261494
Conc: 48.99 ug/ml



#16 N-HEXATRIACONTANE

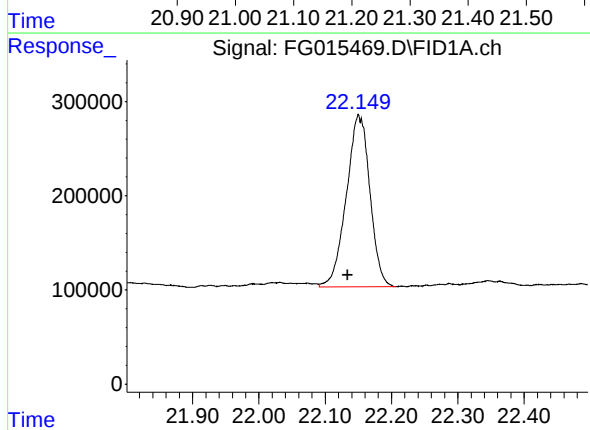
R.T.: 20.468 min
Delta R.T.: 0.008 min
Response: 4761400
Conc: 49.67 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.214 min
Delta R.T.: 0.009 min
Response: 4687161
Conc: 52.52 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.150 min
Delta R.T.: 0.016 min
Response: 4500669
Conc: 54.86 ug/ml