

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031225\
 Data File : FG015472.D
 Signal(s) : FID1A.ch
 Acq On : 12 Mar 2025 10:59
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 13 03:16:43 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...	15.031	5768882	52.985 ug/ml
Target Compounds			
1) N-OCTANE	1.987	5176168	47.087 ug/ml
2) N-DECANE	4.528	5630685	50.602 ug/ml
3) N-DODECANE	6.712	6155285	52.963 ug/ml
4) N-TETRADECANE	8.548	6311395	54.773 ug/ml
5) N-HEXADECANE	10.163	6616911	55.749 ug/ml
6) N-OCTADECANE	11.612	6891877	55.649 ug/ml
7) N-EICOSANE	12.927	6687024	55.051 ug/ml
8) N-DOCOSANE	14.129	6473094	54.064 ug/ml
10) N-TETRACOSANE	15.236	6300823	52.764 ug/ml
11) N-HEXACOSANE	16.260	6061087	51.650 ug/ml
12) N-OCTACOSANE	17.212	5870796	50.719 ug/ml
13) N-TRIACONTANE	18.102	5805585	49.970 ug/ml
14) N-DOTRIACONTANE	18.936	5642236	48.905 ug/ml
15) N-TETRATRIACONTANE	19.721	5123363	47.705 ug/ml
16) N-HEXATRIACONTANE	20.460	4456362	46.485 ug/ml
17) N-OCTATRIACONTANE	21.206	4110034	46.052 ug/ml
18) N-TETRACONTANE	22.138	3876403	47.252 ug/ml

(f)=RT Delta > 1/2 Window

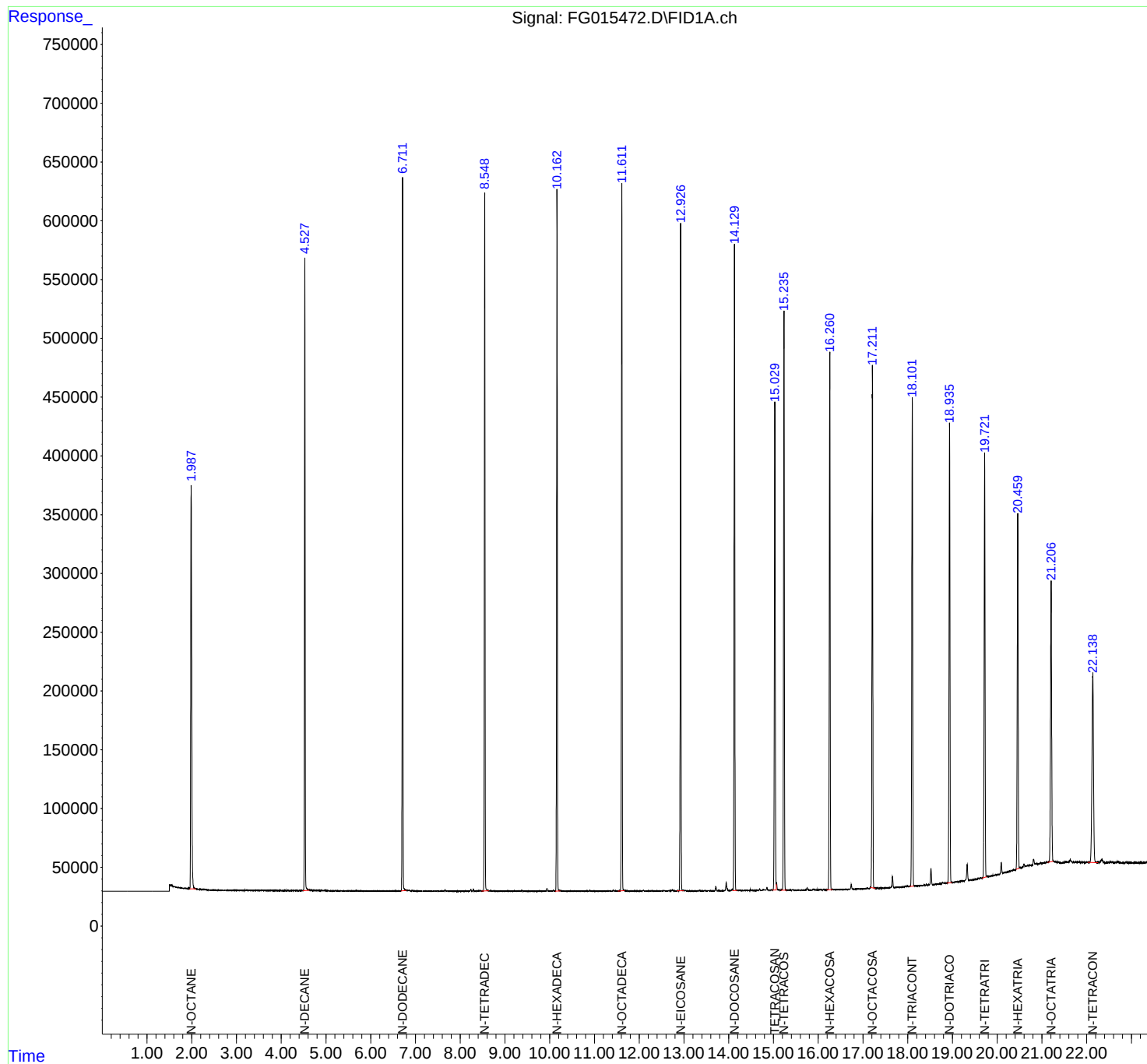
(m)=manual int.

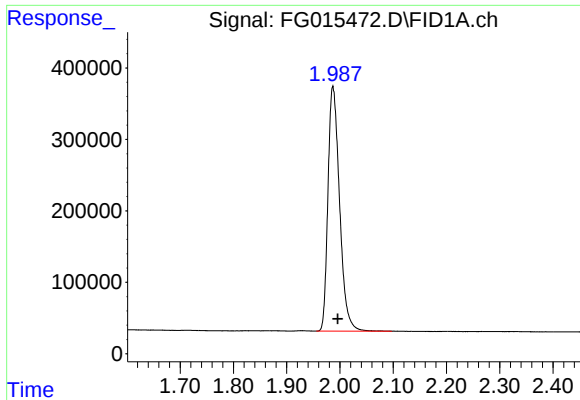
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

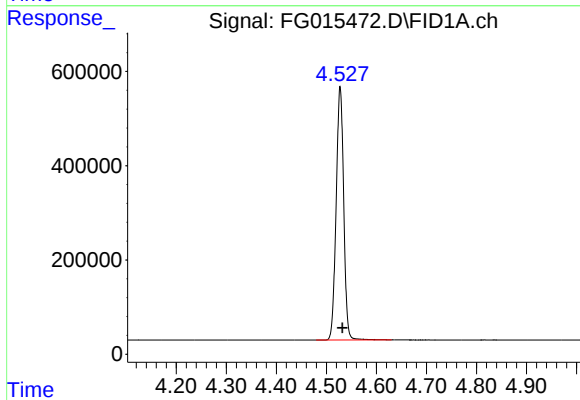




#1 N-OCTANE

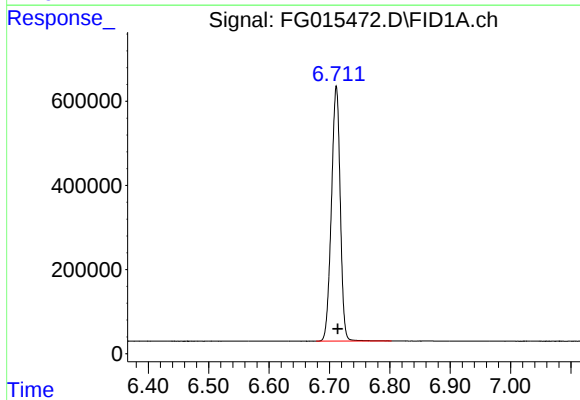
R.T.: 1.987 min
Delta R.T.: -0.009 min
Response: 5176168
Conc: 47.09 ug/ml

Instrument :
FID_G
ClientSampleId :



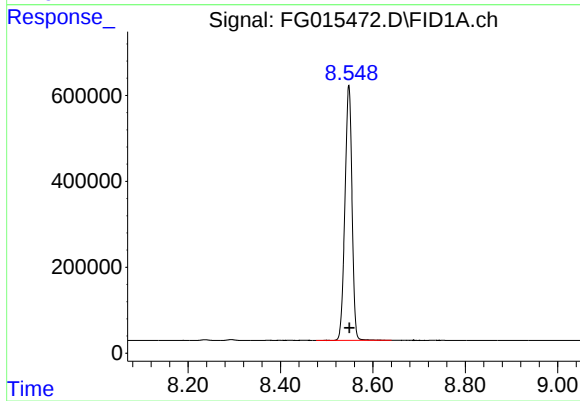
#2 N-DECANE

R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 5630685
Conc: 50.60 ug/ml



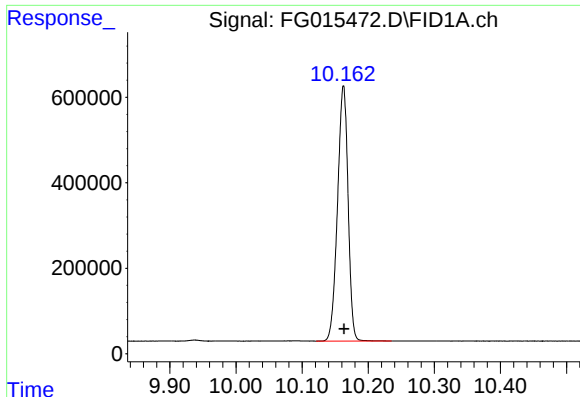
#3 N-DODECANE

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 6155285
Conc: 52.96 ug/ml



#4 N-TETRADECANE

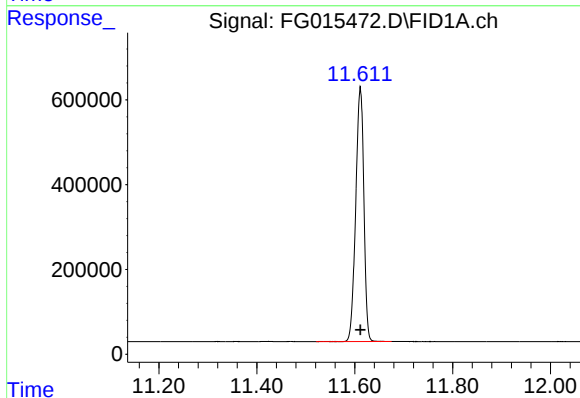
R.T.: 8.548 min
Delta R.T.: -0.002 min
Response: 6311395
Conc: 54.77 ug/ml



#5 N-HEXADECANE

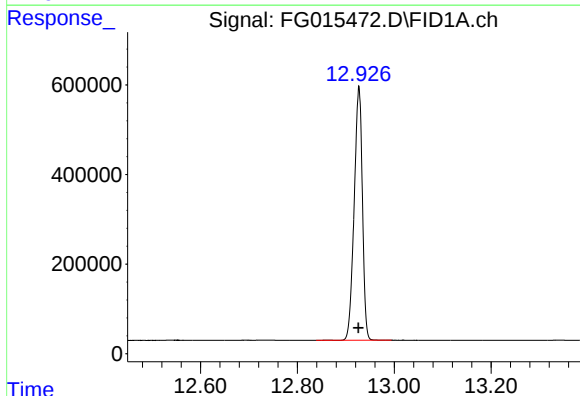
R.T.: 10.163 min
Delta R.T.: 0.000 min
Response: 6616911
Conc: 55.75 ug/ml

Instrument :
FID_G
ClientSampleId :



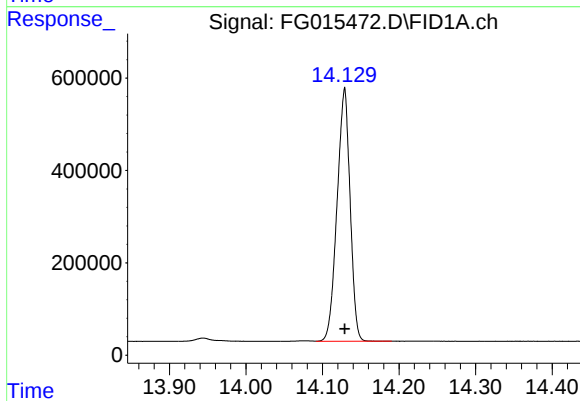
#6 N-OCTADECANE

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 6891877
Conc: 55.65 ug/ml



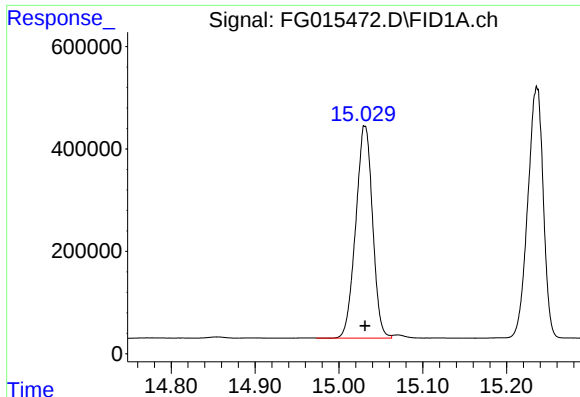
#7 N-EICOSANE

R.T.: 12.927 min
Delta R.T.: 0.000 min
Response: 6687024
Conc: 55.05 ug/ml



#8 N-DOCOSANE

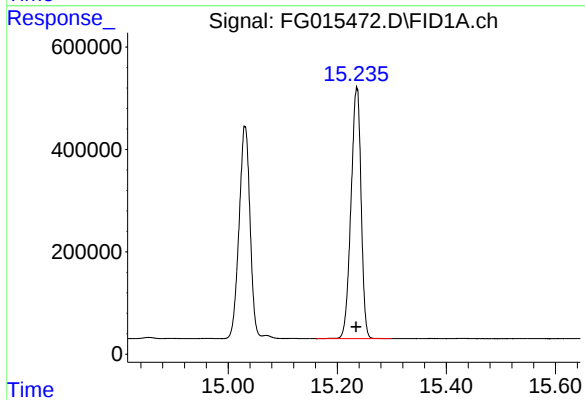
R.T.: 14.129 min
Delta R.T.: 0.000 min
Response: 6473094
Conc: 54.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

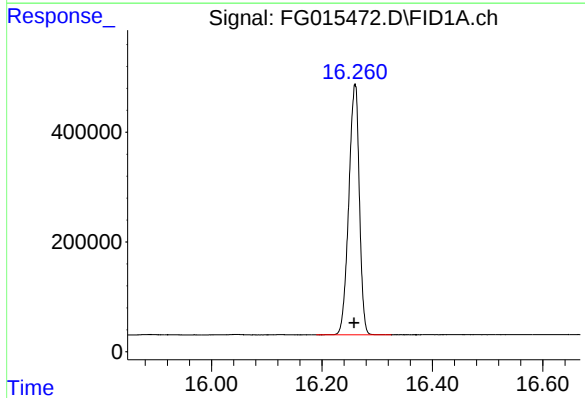
R.T.: 15.031 min
Delta R.T.: 0.000 min
Response: 5768882
Conc: 52.99 ug/ml

Instrument :
FID_G
ClientSampleId :



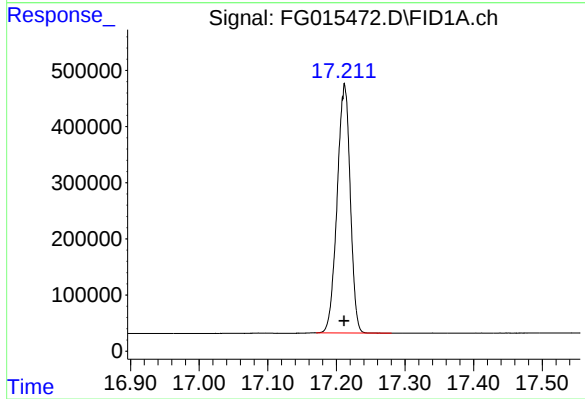
#10 N-TETRACOSANE

R.T.: 15.236 min
Delta R.T.: 0.001 min
Response: 6300823
Conc: 52.76 ug/ml



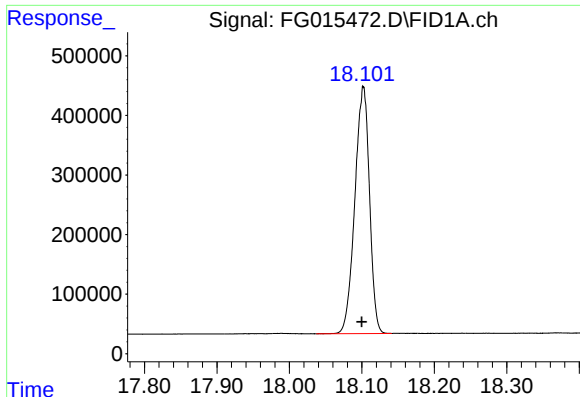
#11 N-HEXACOSANE

R.T.: 16.260 min
Delta R.T.: 0.002 min
Response: 6061087
Conc: 51.65 ug/ml



#12 N-OCTACOSANE

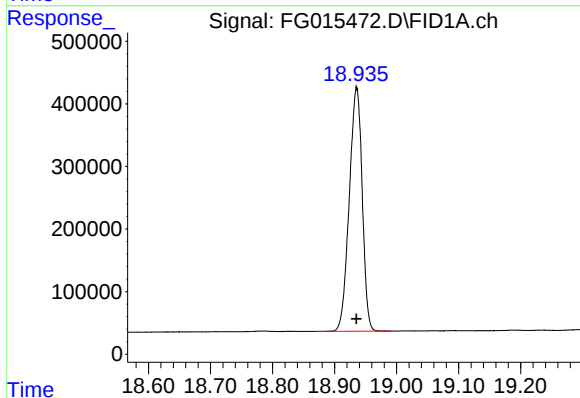
R.T.: 17.212 min
Delta R.T.: 0.000 min
Response: 5870796
Conc: 50.72 ug/ml



#13 N-TRIACONTANE

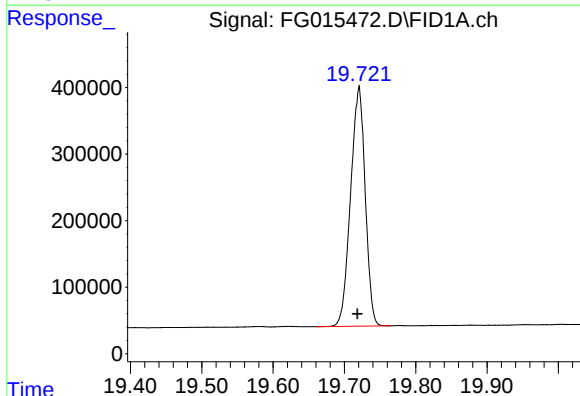
R.T.: 18.102 min
Delta R.T.: 0.002 min
Response: 5805585
Conc: 49.97 ug/ml

Instrument :
FID_G
ClientSampleId :



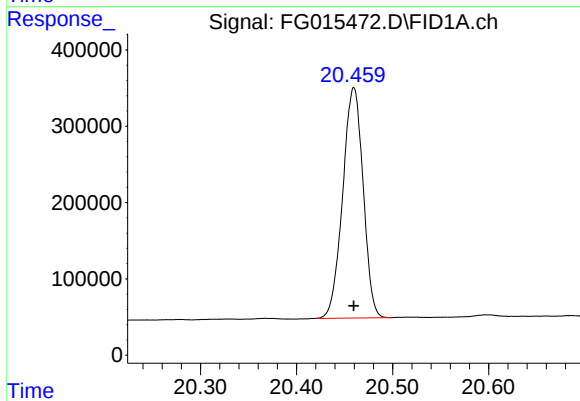
#14 N-DOTRIACONTANE

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 5642236
Conc: 48.90 ug/ml



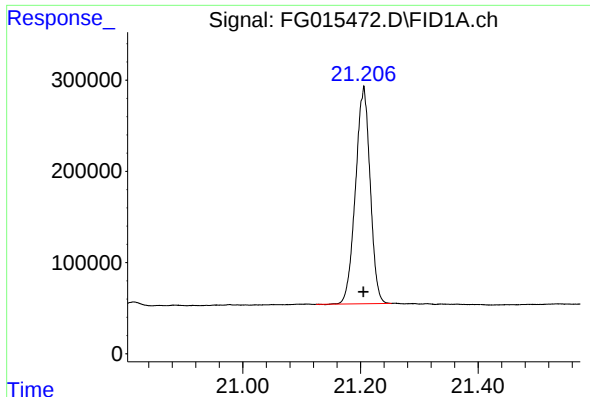
#15 N-TETRATRIACONTANE

R.T.: 19.721 min
Delta R.T.: 0.002 min
Response: 5123363
Conc: 47.71 ug/ml



#16 N-HEXATRIACONTANE

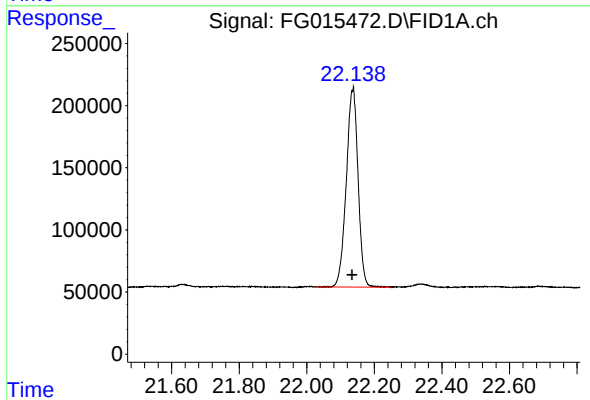
R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 4456362
Conc: 46.48 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.206 min
Delta R.T.: 0.000 min
Response: 4110034
Conc: 46.05 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.138 min
Delta R.T.: 0.004 min
Response: 3876403
Conc: 47.25 ug/ml