

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050825\
 Data File : FG015800.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2025 09:49
 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: May 09 02:07:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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...	15.006	5156699	43.799 ug/ml
Target Compounds			
1) N-OCTANE	1.973	4886694	43.362 ug/ml
2) N-DECANE	4.503	5478204	49.205 ug/ml
3) N-DODECANE	6.686	5717321	49.889 ug/ml
4) N-TETRADECANE	8.522	5864282	48.396 ug/ml
5) N-HEXADECANE	10.137	5945138	47.356 ug/ml
6) N-OCTADECANE	11.586	6059851	46.240 ug/ml
7) N-EICOSANE	12.900	6106624	45.042 ug/ml
8) N-DOCOSANE	14.103	5899216	44.479 ug/ml
10) N-TETRACOSANE	15.211	5863961	44.127 ug/ml
11) N-HEXACOSANE	16.235	5780017	43.583 ug/ml
12) N-OCTACOSANE	17.188	5758258	43.678 ug/ml
13) N-TRIACONTANE	18.079	5964204	44.736 ug/ml
14) N-DOTRIACONTANE	18.913	6104030	46.303 ug/ml
15) N-TETRATRIACONTANE	19.700	6377427	52.734 ug/ml
16) N-HEXATRIACONTANE	20.442	6658215	62.100 ug/ml
17) N-OCTATRIACONTANE	21.185	6880366	71.426 ug/ml
18) N-TETRACONTANE	22.112	6966421	78.234 ug/ml

(f)=RT Delta > 1/2 Window

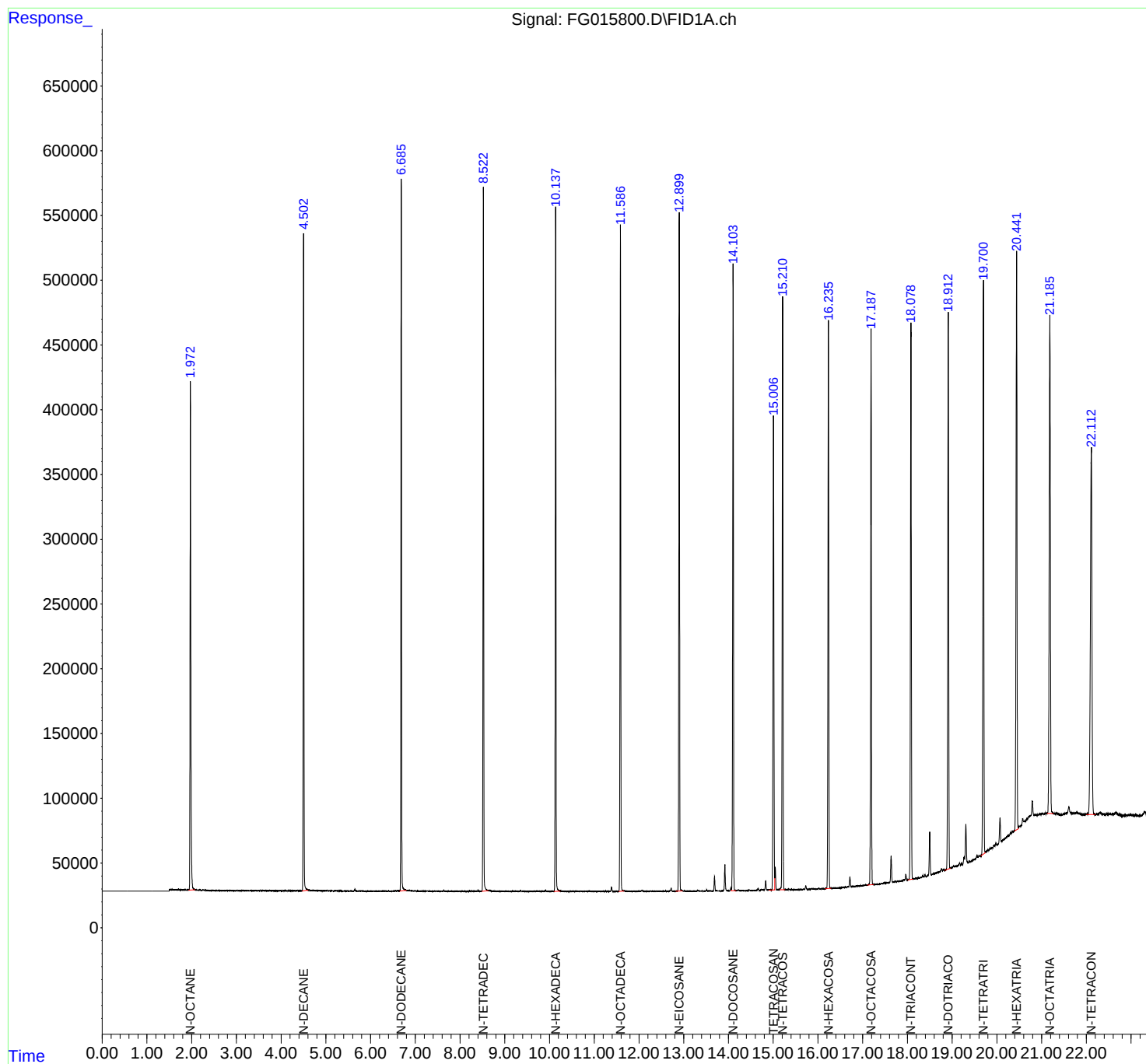
(m)=manual int.

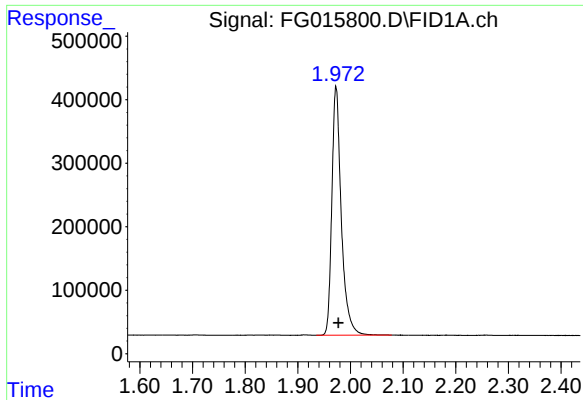
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

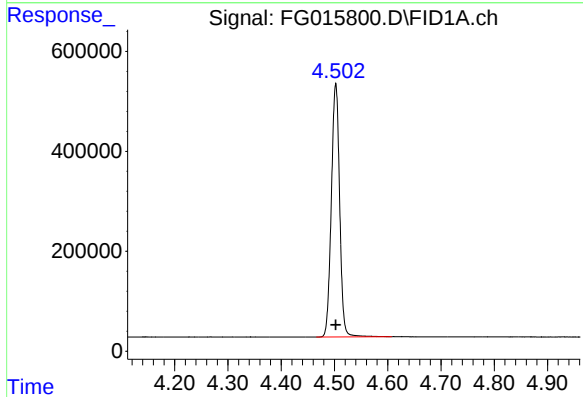




#1 N-OCTANE

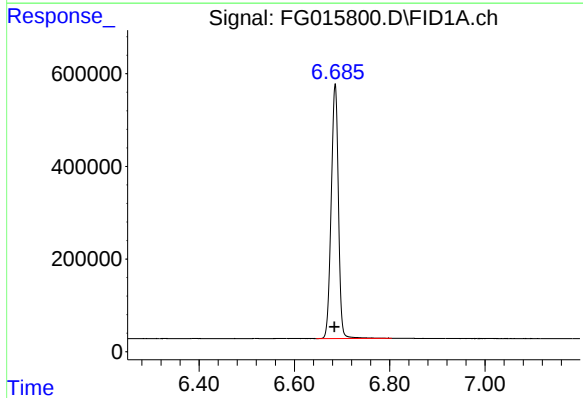
R.T.: 1.973 min
Delta R.T.: -0.004 min
Response: 4886694
Conc: 43.36 ug/ml

Instrument :
FID_G
ClientSampleId :



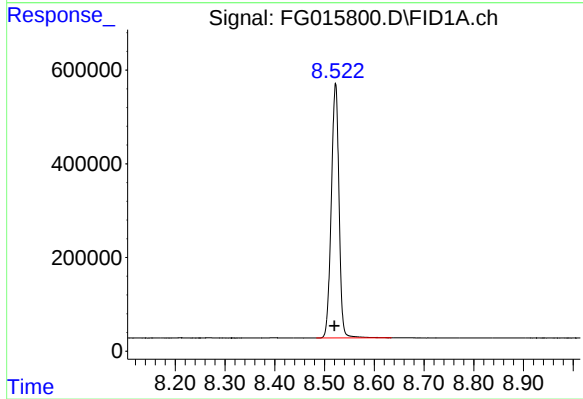
#2 N-DECANE

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 5478204
Conc: 49.21 ug/ml



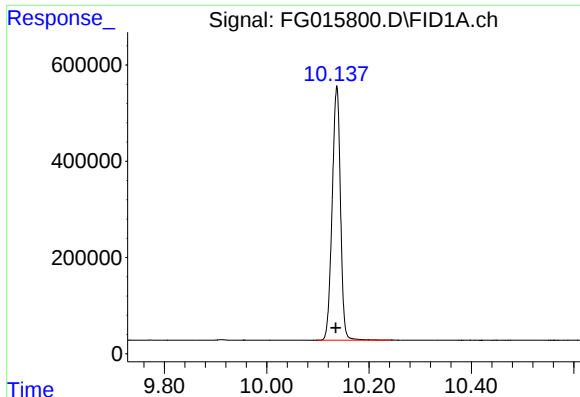
#3 N-DODECANE

R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 5717321
Conc: 49.89 ug/ml



#4 N-TETRADECANE

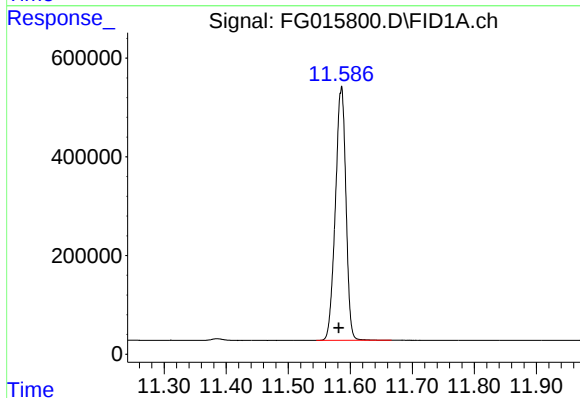
R.T.: 8.522 min
Delta R.T.: 0.002 min
Response: 5864282
Conc: 48.40 ug/ml



#5 N-HEXADECANE

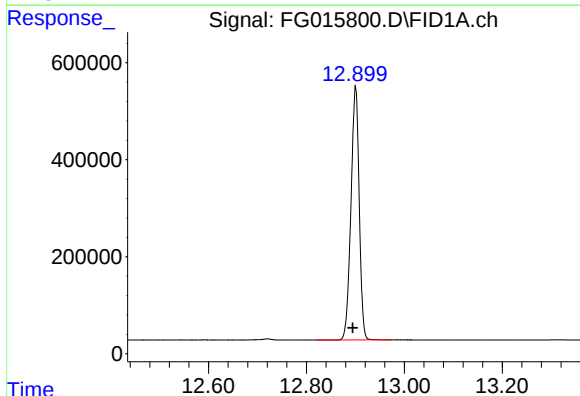
R.T.: 10.137 min
Delta R.T.: 0.002 min
Response: 5945138
Conc: 47.36 ug/ml

Instrument :
FID_G
ClientSampleId :



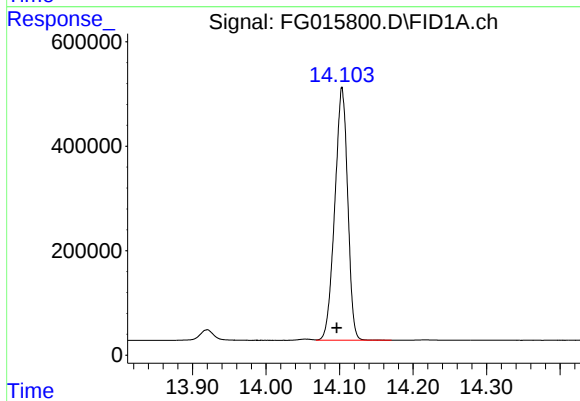
#6 N-OCTADECANE

R.T.: 11.586 min
Delta R.T.: 0.004 min
Response: 6059851
Conc: 46.24 ug/ml



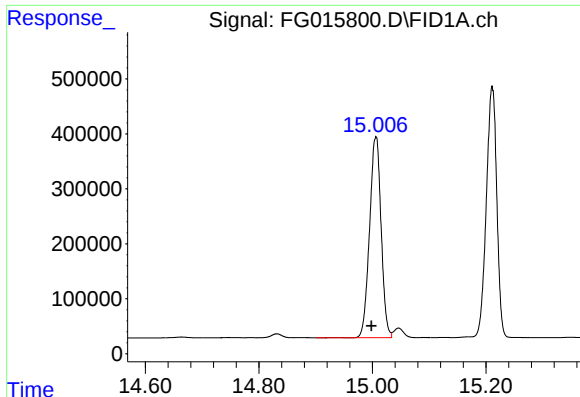
#7 N-EICOSANE

R.T.: 12.900 min
Delta R.T.: 0.006 min
Response: 6106624
Conc: 45.04 ug/ml



#8 N-DOCOSANE

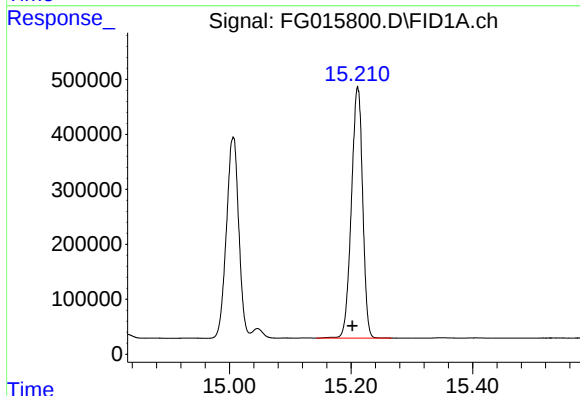
R.T.: 14.103 min
Delta R.T.: 0.007 min
Response: 5899216
Conc: 44.48 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

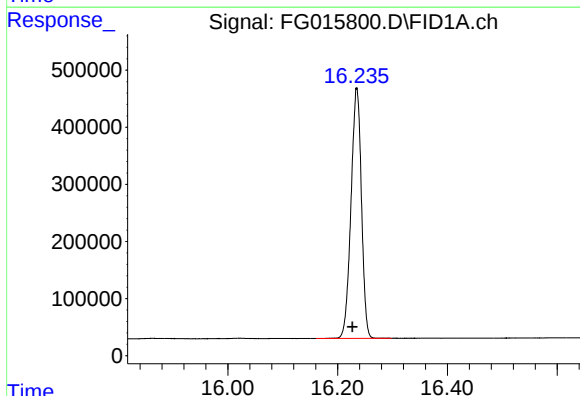
R.T.: 15.006 min
Delta R.T.: 0.008 min
Response: 5156699
Conc: 43.80 ug/ml

Instrument :
FID_G
ClientSampleId :



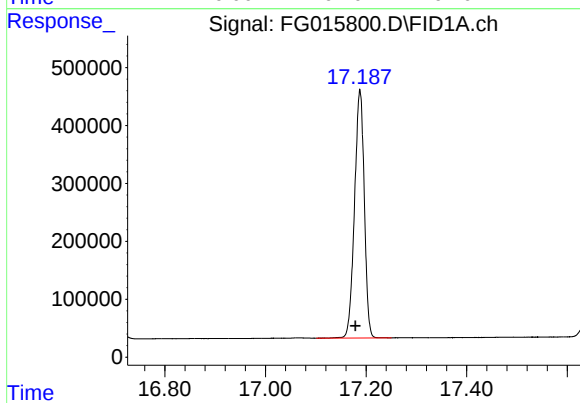
#10 N-TETRACOSANE

R.T.: 15.211 min
Delta R.T.: 0.009 min
Response: 5863961
Conc: 44.13 ug/ml



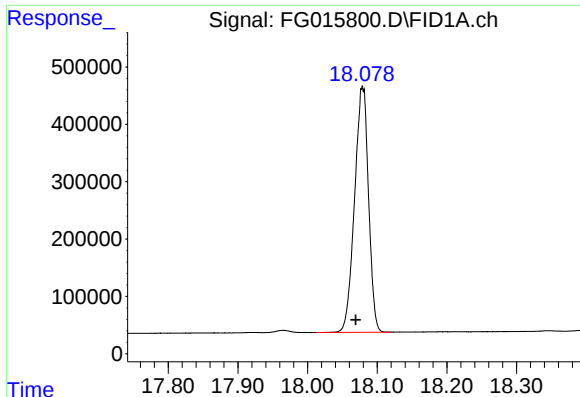
#11 N-HEXACOSANE

R.T.: 16.235 min
Delta R.T.: 0.008 min
Response: 5780017
Conc: 43.58 ug/ml



#12 N-OCTACOSANE

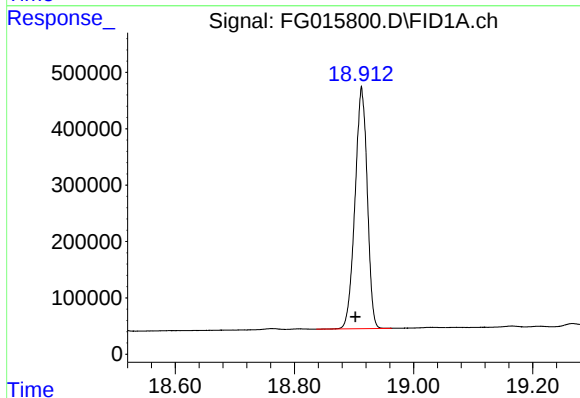
R.T.: 17.188 min
Delta R.T.: 0.009 min
Response: 5758258
Conc: 43.68 ug/ml



#13 N-TRIACONTANE

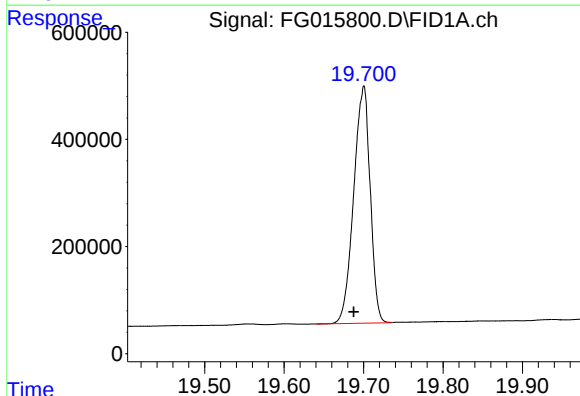
R.T.: 18.079 min
Delta R.T.: 0.010 min
Response: 5964204
Conc: 44.74 ug/ml

Instrument :
FID_G
ClientSampleId :



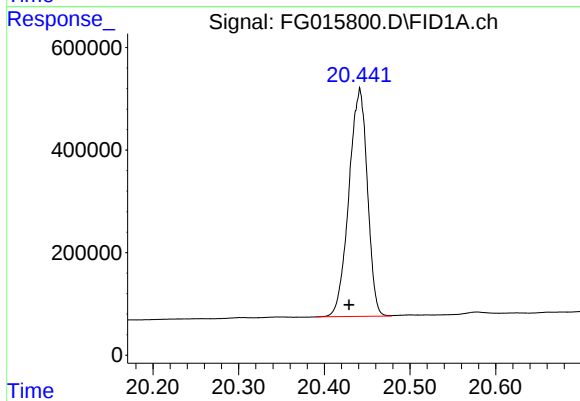
#14 N-DOTRIACONTANE

R.T.: 18.913 min
Delta R.T.: 0.011 min
Response: 6104030
Conc: 46.30 ug/ml



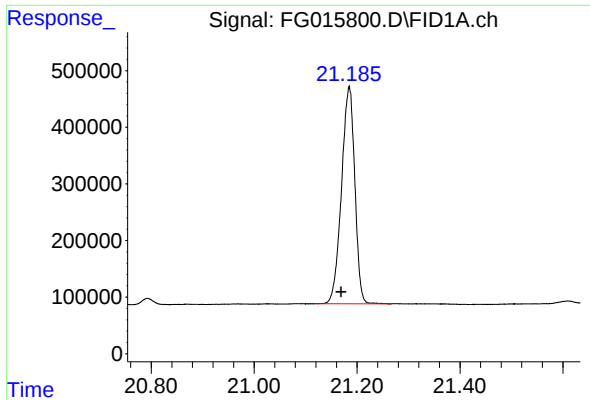
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: 0.013 min
Response: 6377427
Conc: 52.73 ug/ml



#16 N-HEXATRIACONTANE

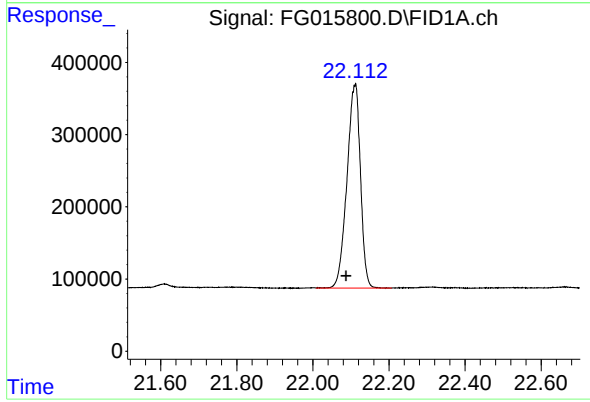
R.T.: 20.442 min
Delta R.T.: 0.013 min
Response: 6658215
Conc: 62.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.185 min
Delta R.T.: 0.016 min
Response: 6880366
Conc: 71.43 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.112 min
Delta R.T.: 0.024 min
Response: 6966421
Conc: 78.23 ug/ml