

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225\
 Data File : FG016736.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 13:23
 Operator : YP\AJ
 Sample : FG100225ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 FG100225ICV

Integration File: autoint1.e
 Quant Time: Oct 03 07:27:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100225.M
 Quant Title :
 QLast Update : Fri Oct 03 07:26:13 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...	15.161	5981320	48.744 ug/ml
Target Compounds			
1) N-OCTANE	2.093	6112004	47.406 ug/ml
2) N-DECANE	4.635	6227977	47.883 ug/ml
3) N-DODECANE	6.818	6401724	48.683 ug/ml
4) N-TETRADECANE	8.658	6472978	49.036 ug/ml
5) N-HEXADECANE	10.276	6557256	49.128 ug/ml
6) N-OCTADECANE	11.729	6771277	48.362 ug/ml
7) N-EICOSANE	13.049	6869019	48.404 ug/ml
8) N-DOCOSANE	14.256	6743122	48.656 ug/ml
10) N-TETRACOSANE	15.366	6749038	48.795 ug/ml
11) N-HEXACOSANE	16.394	6714469	49.101 ug/ml
12) N-OCTACOSANE	17.350	6618915	48.899 ug/ml
13) N-TRIACONTANE	18.244	6569379	48.718 ug/ml
14) N-DOTRIACONTANE	19.081	6083782	48.105 ug/ml
15) N-TETRATRIACONTANE	19.869	4996228	47.118 ug/ml
16) N-HEXATRIACONTANE	20.612	3878417	46.462 ug/ml
17) N-OCTATRIACONTANE	21.389	3236335	46.676 ug/ml
18) N-TETRACONTANE	22.378	2844671	47.642 ug/ml

(f)=RT Delta > 1/2 Window

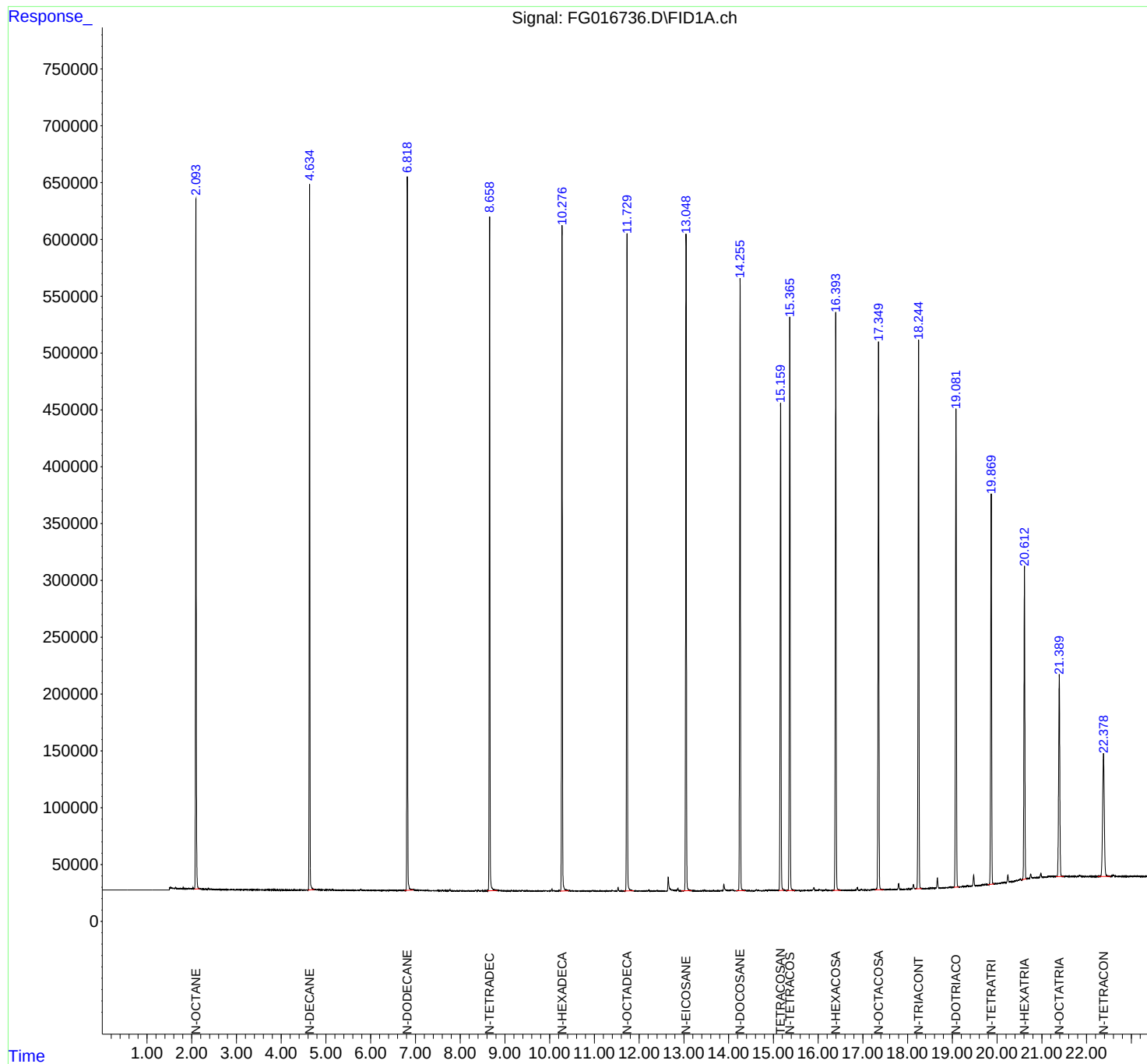
(m)=manual int.

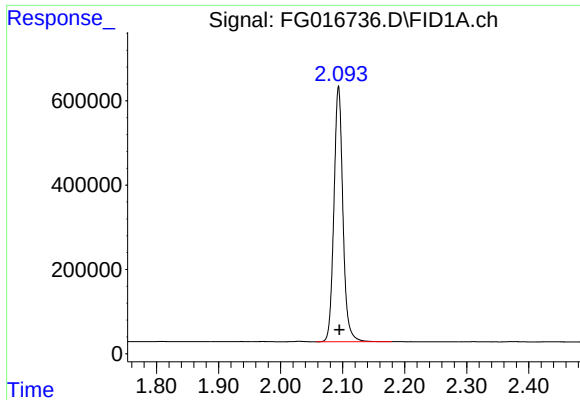
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225\
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

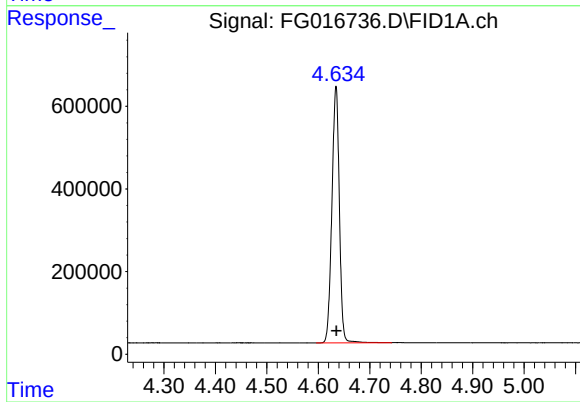




#1 N-OCTANE

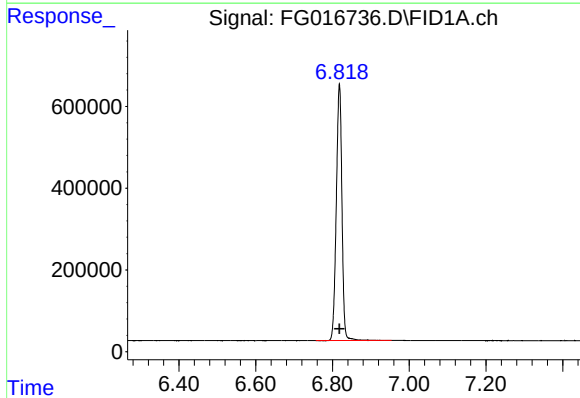
R.T.: 2.093 min
Delta R.T.: -0.002 min
Response: 6112004
Conc: 47.41 ug/ml

Instrument :
FID_G
ClientSampleId :
FG100225ICV



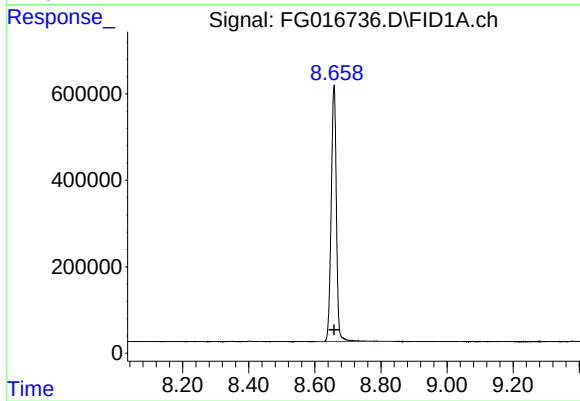
#2 N-DECANE

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 6227977
Conc: 47.88 ug/ml



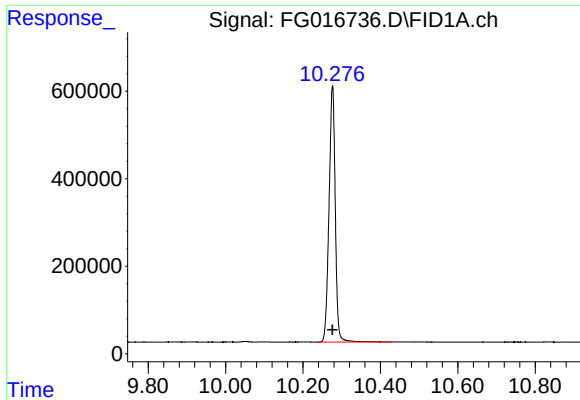
#3 N-DODECANE

R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 6401724
Conc: 48.68 ug/ml



#4 N-TETRADECANE

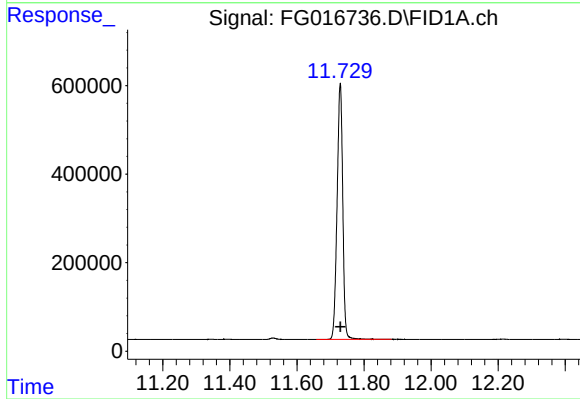
R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 6472978
Conc: 49.04 ug/ml



#5 N-HEXADECANE

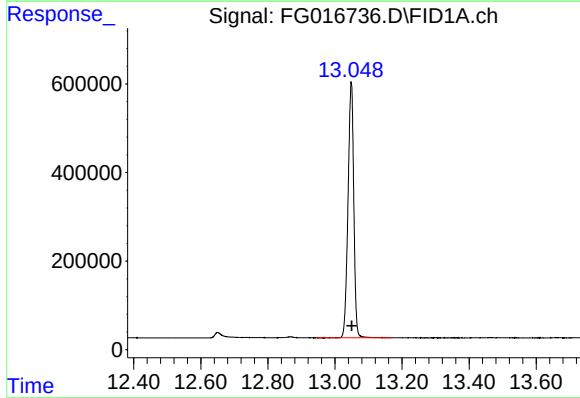
R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 6557256
Conc: 49.13 ug/ml

Instrument :
FID_G
ClientSampleId :
FG100225ICV



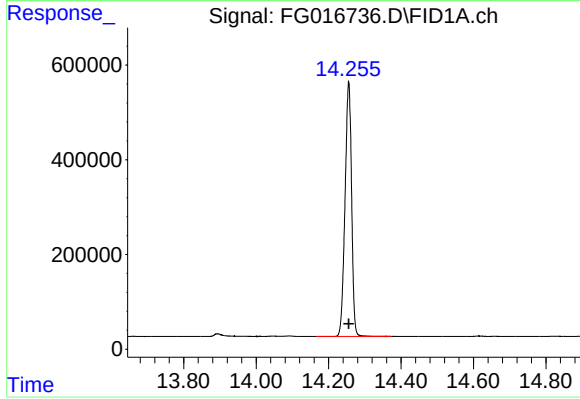
#6 N-OCTADECANE

R.T.: 11.729 min
Delta R.T.: 0.000 min
Response: 6771277
Conc: 48.36 ug/ml



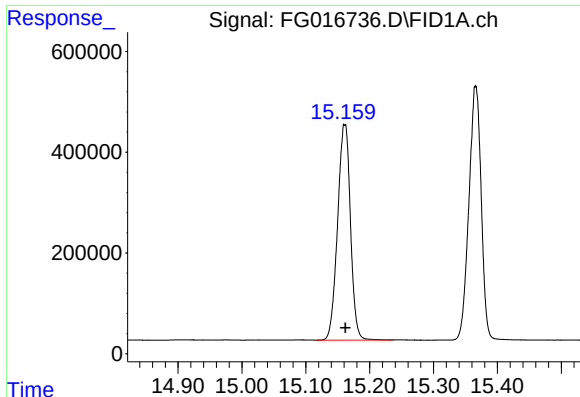
#7 N-EICOSANE

R.T.: 13.049 min
Delta R.T.: 0.000 min
Response: 6869019
Conc: 48.40 ug/ml



#8 N-DOCOSANE

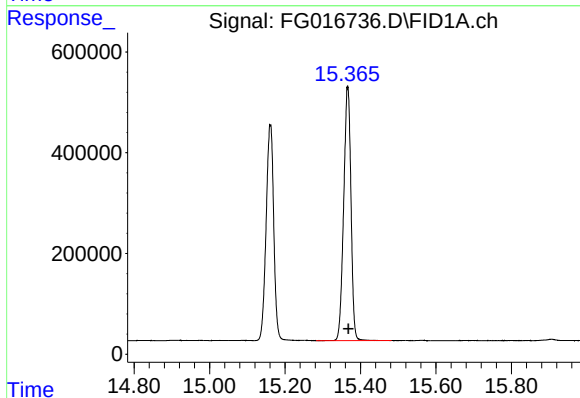
R.T.: 14.256 min
Delta R.T.: 0.000 min
Response: 6743122
Conc: 48.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

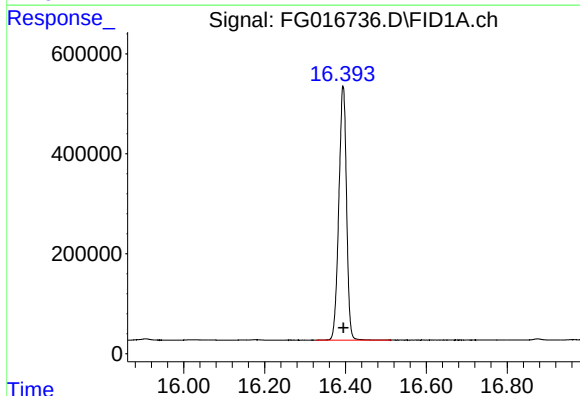
R.T.: 15.161 min
Delta R.T.: 0.000 min
Response: 5981320
Conc: 48.74 ug/ml

Instrument :
FID_G
ClientSampleId :
FG100225ICV



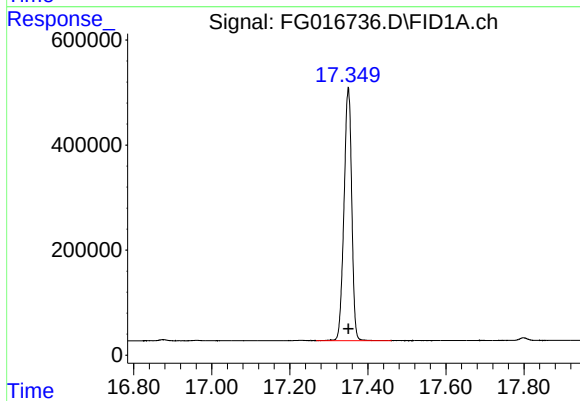
#10 N-TETRACOSANE

R.T.: 15.366 min
Delta R.T.: -0.002 min
Response: 6749038
Conc: 48.79 ug/ml



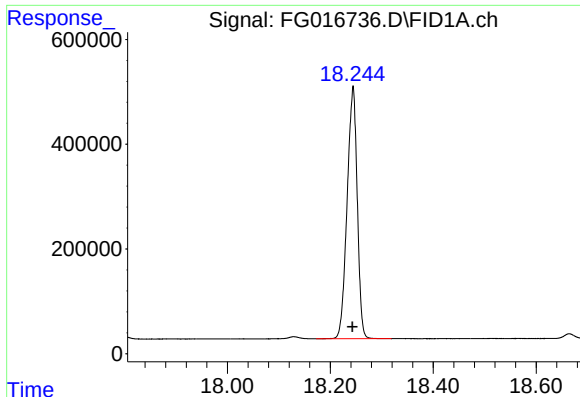
#11 N-HEXACOSANE

R.T.: 16.394 min
Delta R.T.: 0.000 min
Response: 6714469
Conc: 49.10 ug/ml



#12 N-OCTACOSANE

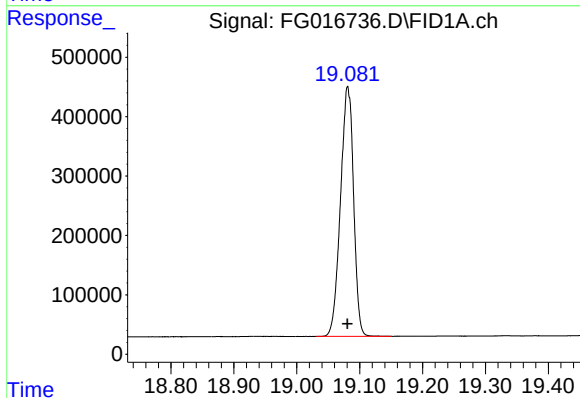
R.T.: 17.350 min
Delta R.T.: 0.000 min
Response: 6618915
Conc: 48.90 ug/ml



#13 N-TRIACONTANE

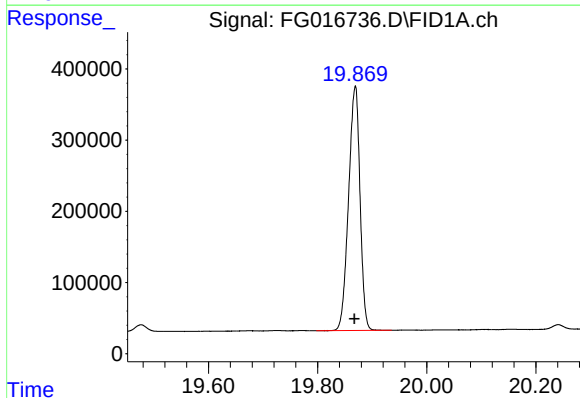
R.T.: 18.244 min
Delta R.T.: 0.002 min
Response: 6569379
Conc: 48.72 ug/ml

Instrument :
FID_G
ClientSampleId :
FG100225ICV



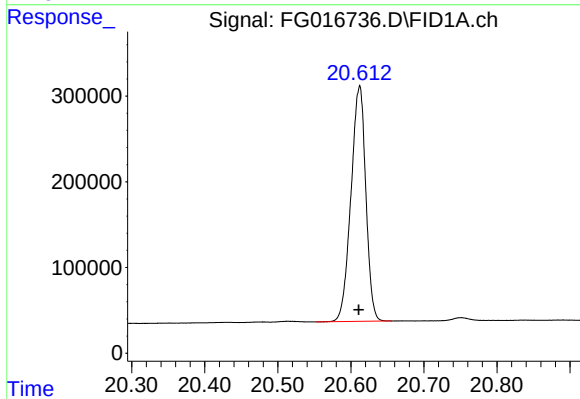
#14 N-DOTRIACONTANE

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 6083782
Conc: 48.11 ug/ml



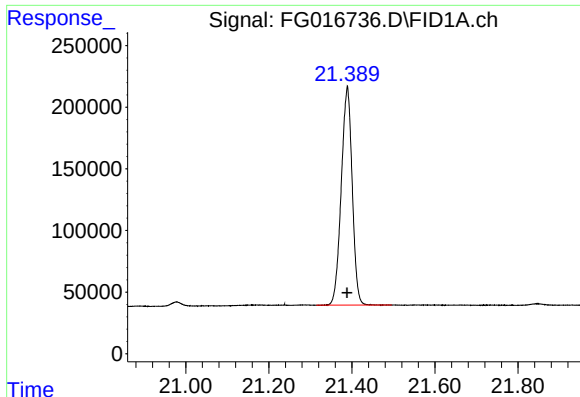
#15 N-TETRATRIACONTANE

R.T.: 19.869 min
Delta R.T.: 0.002 min
Response: 4996228
Conc: 47.12 ug/ml



#16 N-HEXATRIACONTANE

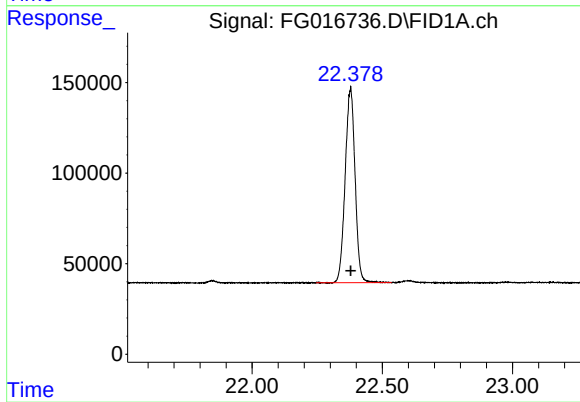
R.T.: 20.612 min
Delta R.T.: 0.001 min
Response: 3878417
Conc: 46.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.389 min
Delta R.T.: 0.000 min
Response: 3236335
Conc: 46.68 ug/ml

Instrument :
FID_G
ClientSampleId :
FG100225ICV



#18 N-TETRACONTANE

R.T.: 22.378 min
Delta R.T.: 0.000 min
Response: 2844671
Conc: 47.64 ug/ml