

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
 Data File : FF016196.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2025 11:20
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 26 04:20:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.084	5083548	45.543 ug/ml
Target Compounds			
1) N-OCTANE	2.058	5150243	45.270 ug/ml
2) N-DECANE	4.600	5316615	45.666 ug/ml
3) N-DODECANE	6.779	5403923	45.745 ug/ml
4) N-TETRADECANE	8.613	5510186	45.575 ug/ml
5) N-HEXADECANE	10.223	5543344	45.609 ug/ml
6) N-OCTADECANE	11.669	5701777	45.556 ug/ml
7) N-EICOSANE	12.982	5875092	45.404 ug/ml
8) N-DOCOSANE	14.182	5733150	45.348 ug/ml
10) N-TETRACOSANE	15.288	5744702	45.327 ug/ml
11) N-HEXACOSANE	16.312	5587037	45.133 ug/ml
12) N-OCTACOSANE	17.265	5608813	44.812 ug/ml
13) N-TRIACONTANE	18.157	5644289	44.186 ug/ml
14) N-DOTRIACONTANE	18.991	5424010	43.580 ug/ml
15) N-TETRATRIACONTANE	19.776	4810720	42.984 ug/ml
16) N-HEXATRIACONTANE	20.519	3735463	40.594 ug/ml
17) N-OCTATRIACONTANE	21.281	2961964	38.772 ug/ml
18) N-TETRACONTANE	22.234	2421841	36.862 ug/ml

(f)=RT Delta > 1/2 Window

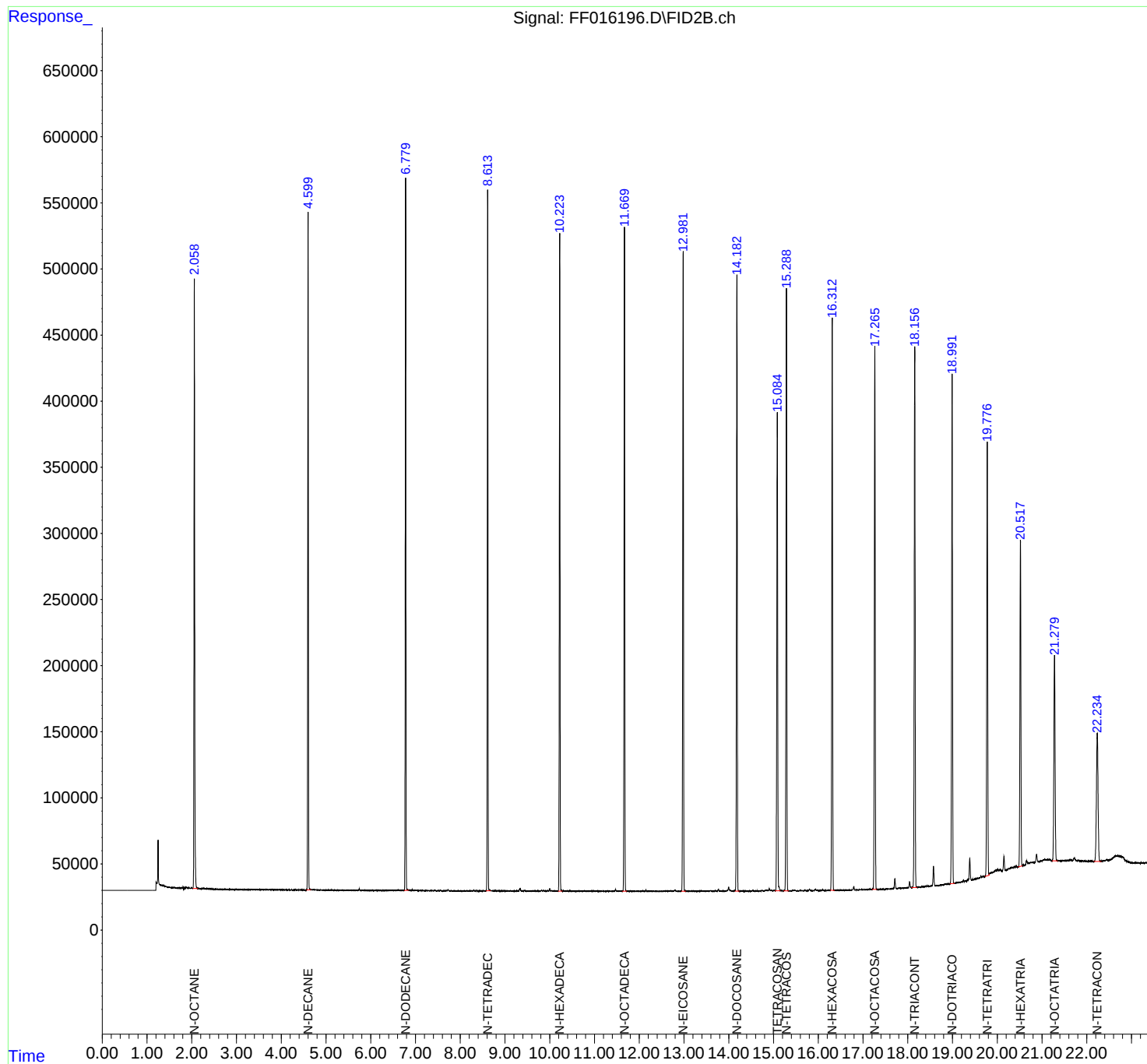
(m)=manual int.

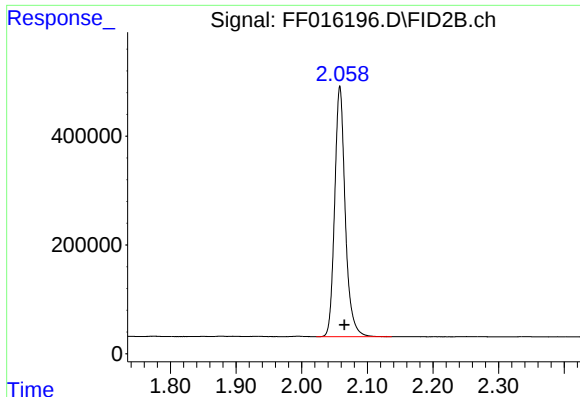
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Signal Info : 20mx0.18mmx0.18um

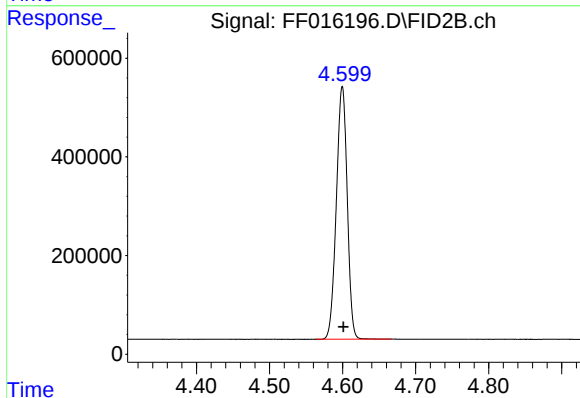




#1 N-OCTANE

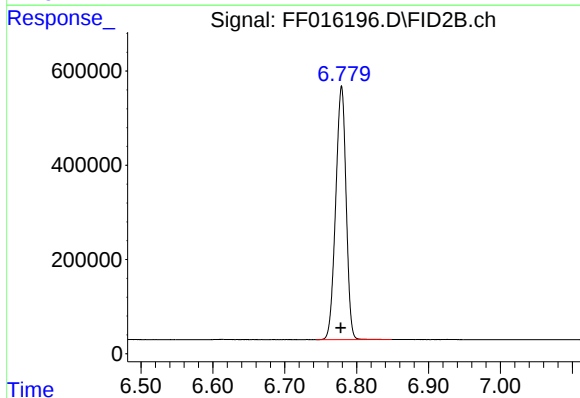
R.T.: 2.058 min
Delta R.T.: -0.007 min
Response: 5150243
Conc: 45.27 ug/ml

Instrument :
FID_E
ClientSampleId :



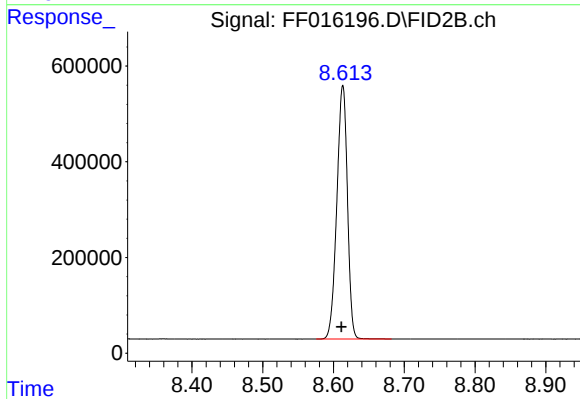
#2 N-DECANE

R.T.: 4.600 min
Delta R.T.: -0.001 min
Response: 5316615
Conc: 45.67 ug/ml



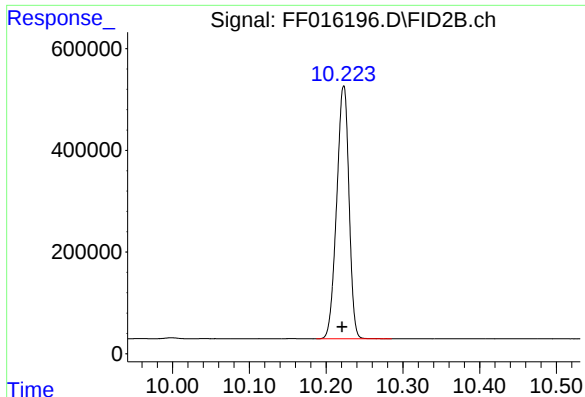
#3 N-DODECANE

R.T.: 6.779 min
Delta R.T.: 0.001 min
Response: 5403923
Conc: 45.75 ug/ml



#4 N-TETRADECANE

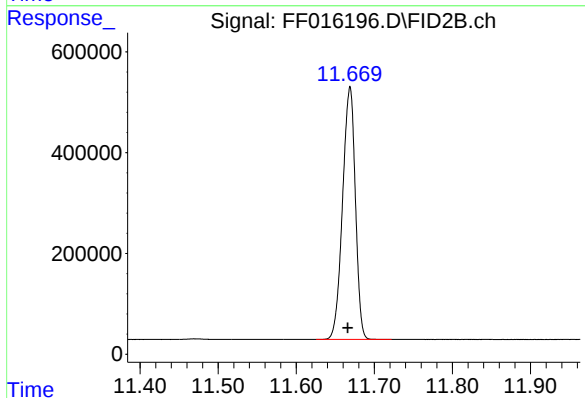
R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 5510186
Conc: 45.58 ug/ml



#5 N-HEXADECANE

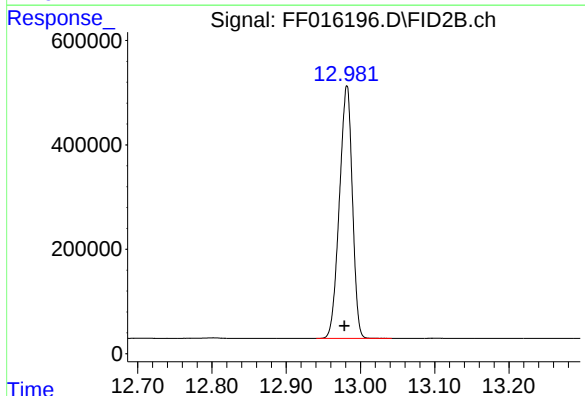
R.T.: 10.223 min
Delta R.T.: 0.002 min
Response: 5543344
Conc: 45.61 ug/ml

Instrument :
FID_E
ClientSampleId :



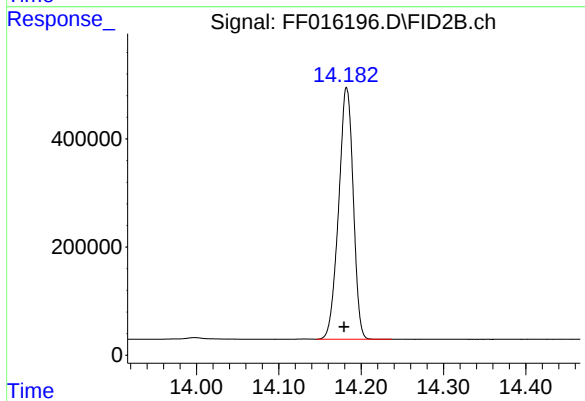
#6 N-OCTADECANE

R.T.: 11.669 min
Delta R.T.: 0.003 min
Response: 5701777
Conc: 45.56 ug/ml



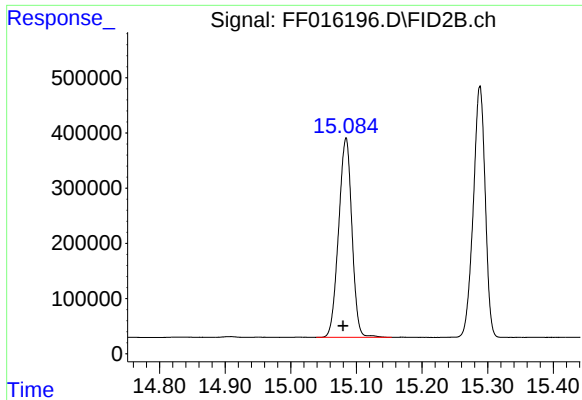
#7 N-EICOSANE

R.T.: 12.982 min
Delta R.T.: 0.004 min
Response: 5875092
Conc: 45.40 ug/ml



#8 N-DOCOSANE

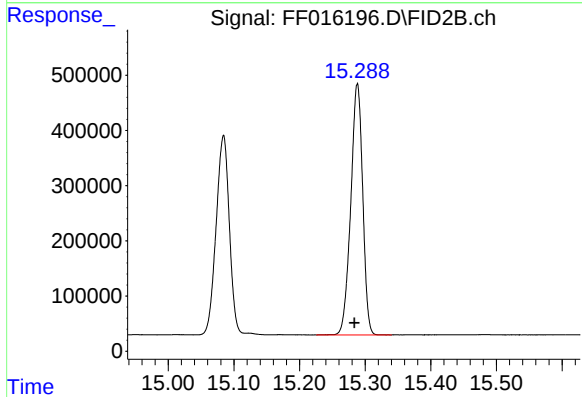
R.T.: 14.182 min
Delta R.T.: 0.003 min
Response: 5733150
Conc: 45.35 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

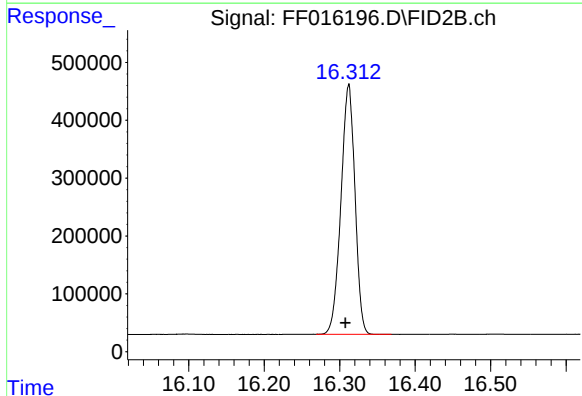
R.T.: 15.084 min
Delta R.T.: 0.005 min
Response: 5083548
Conc: 45.54 ug/ml

Instrument :
FID_E
ClientSampleId :



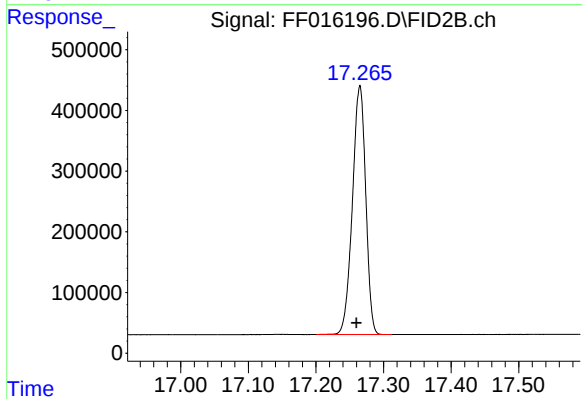
#10 N-TETRACOSANE

R.T.: 15.288 min
Delta R.T.: 0.005 min
Response: 5744702
Conc: 45.33 ug/ml



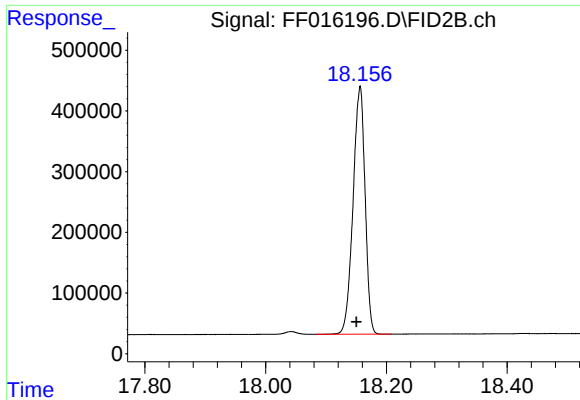
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: 0.004 min
Response: 5587037
Conc: 45.13 ug/ml



#12 N-OCTACOSANE

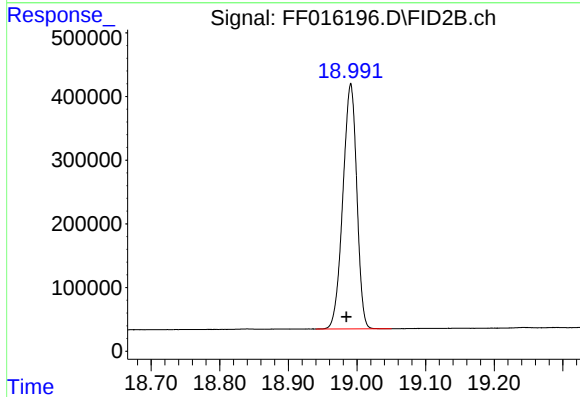
R.T.: 17.265 min
Delta R.T.: 0.005 min
Response: 5608813
Conc: 44.81 ug/ml



#13 N-TRIACONTANE

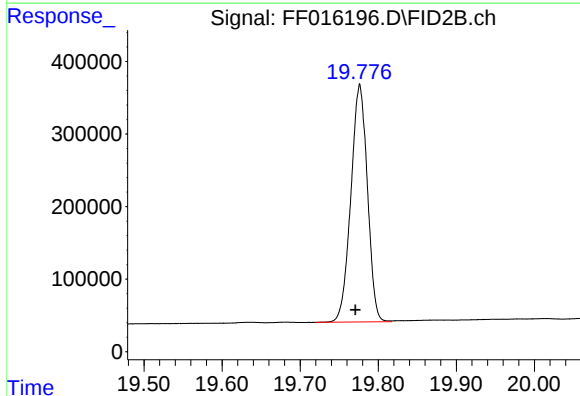
R.T.: 18.157 min
Delta R.T.: 0.006 min
Response: 5644289
Conc: 44.19 ug/ml

Instrument :
FID_E
ClientSampleId :



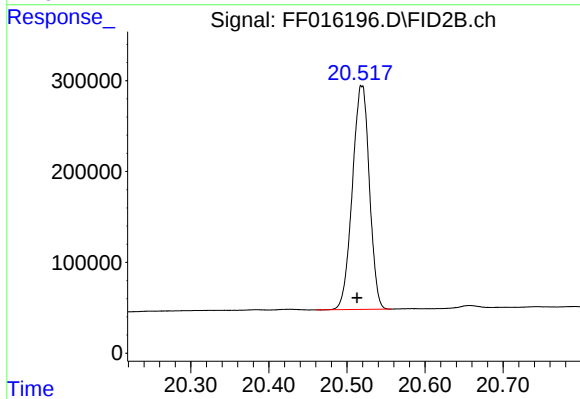
#14 N-DOTRIACONTANE

R.T.: 18.991 min
Delta R.T.: 0.006 min
Response: 5424010
Conc: 43.58 ug/ml



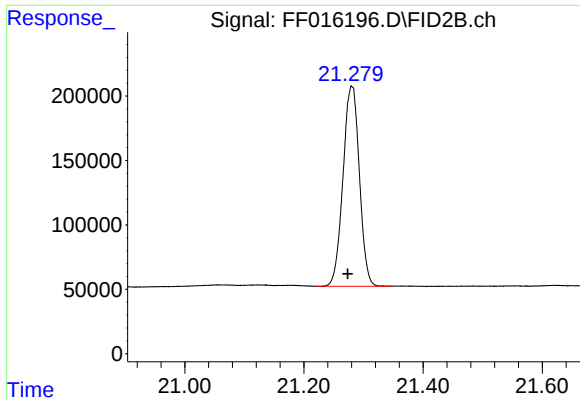
#15 N-TETRATRIACONTANE

R.T.: 19.776 min
Delta R.T.: 0.006 min
Response: 4810720
Conc: 42.98 ug/ml



#16 N-HEXATRIACONTANE

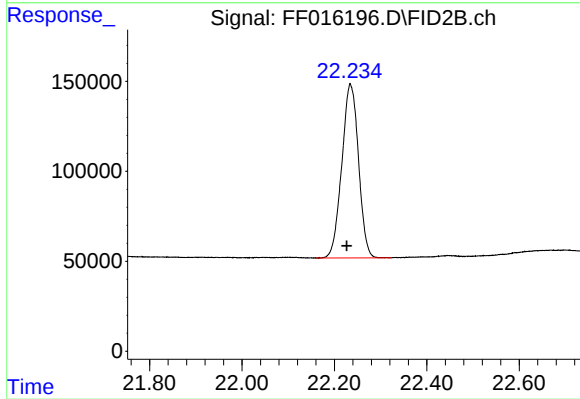
R.T.: 20.519 min
Delta R.T.: 0.006 min
Response: 3735463
Conc: 40.59 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.281 min
Delta R.T.: 0.007 min
Response: 2961964
Conc: 38.77 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.234 min
Delta R.T.: 0.007 min
Response: 2421841
Conc: 36.86 ug/ml