

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120425\
 Data File : FG017080.D
 Signal(s) : FID1A.ch
 Acq On : 04 Dec 2025 22:44
 Operator : YP\AJ
 Sample : Q3741-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 05 03:03:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.153	2306462	22.164 ug/ml
Target Compounds			
1) N-OCTANE	2.083	74133	0.596 ug/ml
2) N-DECANE	4.615	105046	0.881 ug/ml
3) N-DODECANE	6.796	315248	2.639 ug/ml
4) N-TETRADECANE	8.635	341671	2.952 ug/ml
5) N-HEXADECANE	10.254	898941	7.856 ug/ml
6) N-OCTADECANE	11.707	751676	6.267 ug/ml
7) N-EICOSANE	13.032	1668519	13.422 ug/ml
8) N-DOCOSANE	14.241	1412243	11.828 ug/ml
10) N-TETRACOSANE	15.347	45797497	389.801 ug/ml
11) N-HEXACOSANE	16.417	7491446	66.681 ug/ml
12) N-OCTACOSANE	17.304	30705787	272.125 ug/ml
13) N-TRIACONTANE	18.268	5495204	49.097 ug/ml
14) N-DOTRIACONTANE	19.079	9148315	84.624 ug/ml
15) N-TETRATRIACONTANE	19.845	3772224	37.628 ug/ml
16) N-HEXATRIACONTANE	20.593	11566445	132.612 ug/ml
17) N-OCTATRIACONTANE	21.377	231323	3.034 ug/ml
18) N-TETRACONTANE	22.360	10283104	164.360 ug/ml

(f)=RT Delta > 1/2 Window

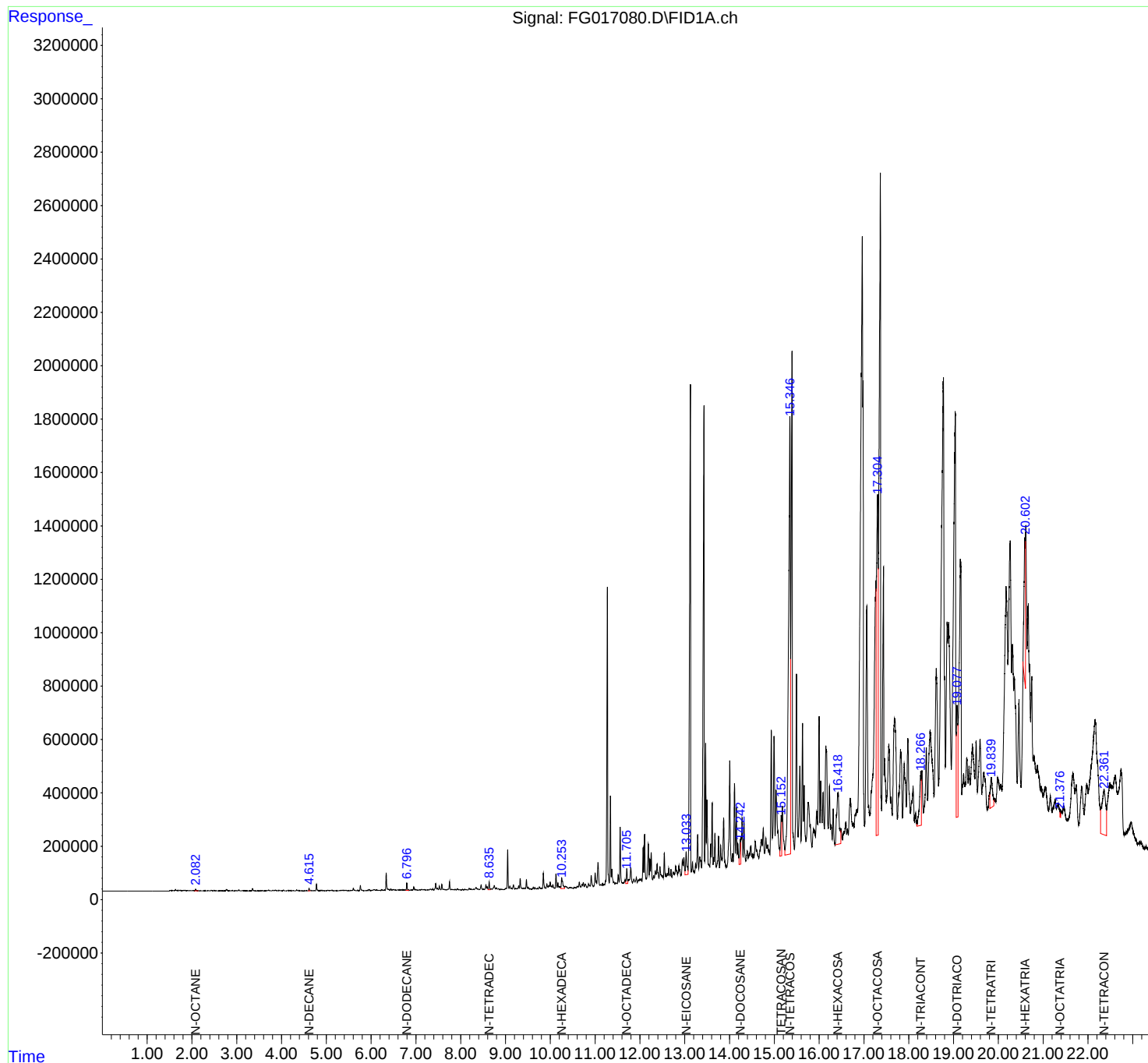
(m)=manual int.

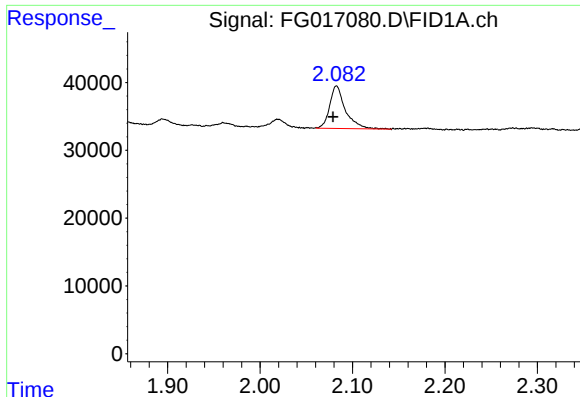
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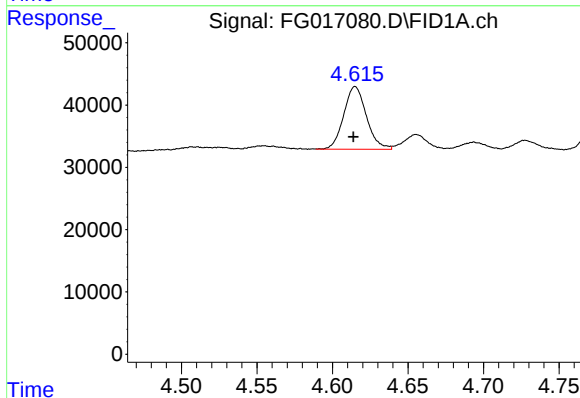




#1 N-OCTANE

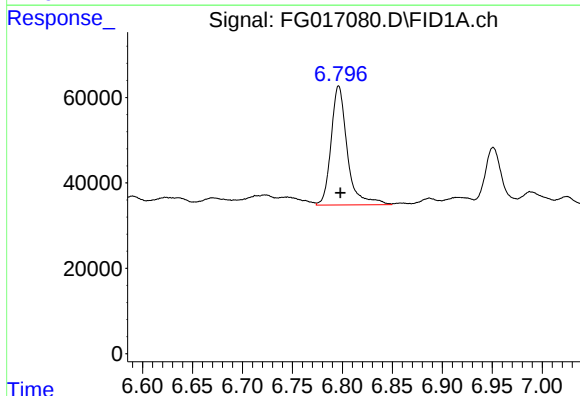
R.T.: 2.083 min
Delta R.T.: 0.004 min
Response: 74133
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :



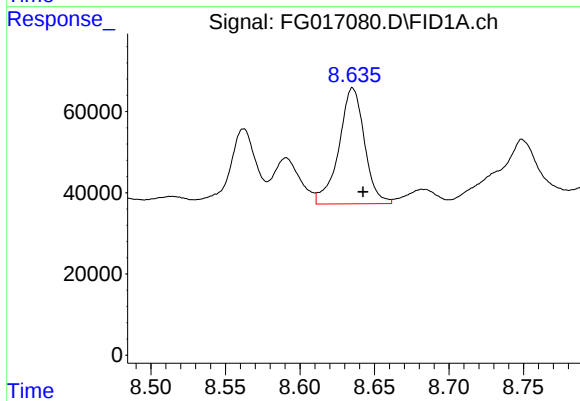
#2 N-DECANE

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 105046
Conc: 0.88 ug/ml



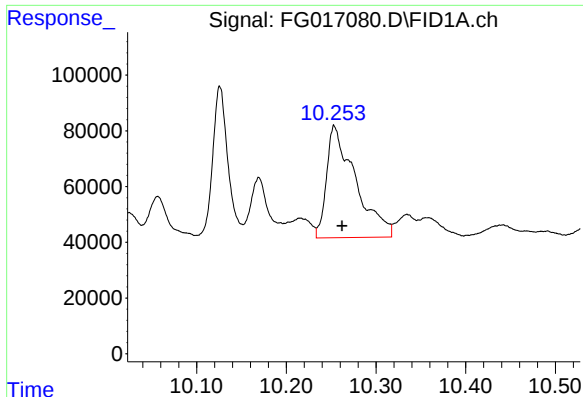
#3 N-DODECANE

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 315248
Conc: 2.64 ug/ml



#4 N-TETRADECANE

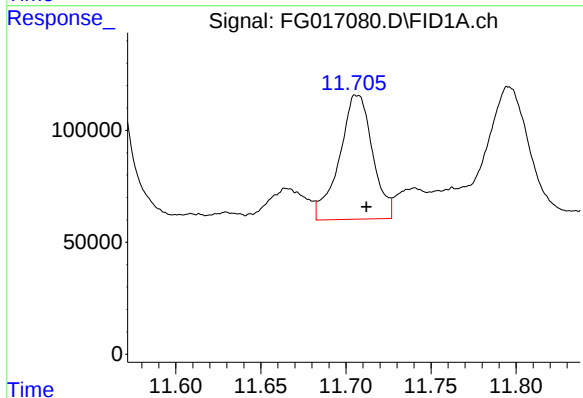
R.T.: 8.635 min
Delta R.T.: -0.007 min
Response: 341671
Conc: 2.95 ug/ml



#5 N-HEXADECANE

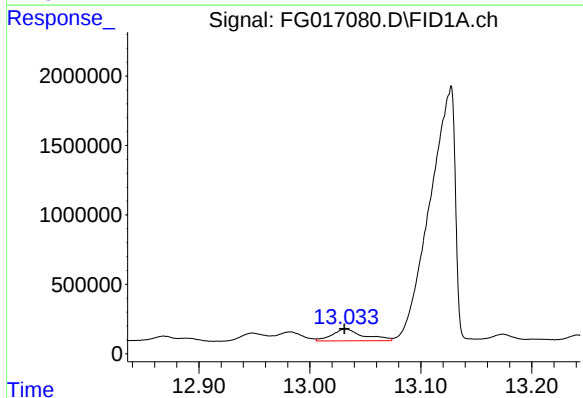
R.T.: 10.254 min
Delta R.T.: -0.009 min
Response: 898941
Conc: 7.86 ug/ml

Instrument :
FID_E
ClientSampleId :



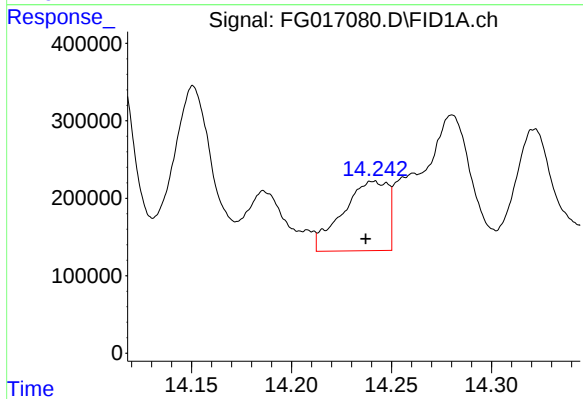
#6 N-OCTADECANE

R.T.: 11.707 min
Delta R.T.: -0.005 min
Response: 751676
Conc: 6.27 ug/ml



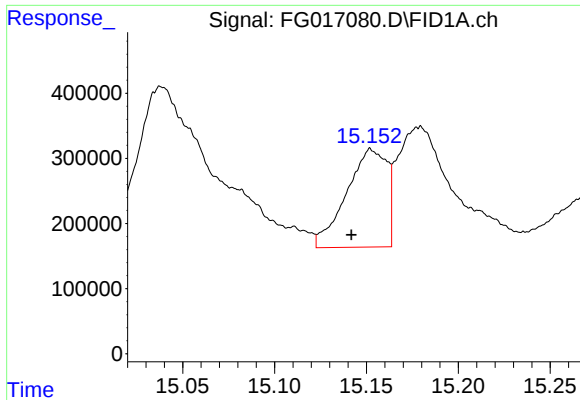
#7 N-EICOSANE

R.T.: 13.032 min
Delta R.T.: 0.001 min
Response: 1668519
Conc: 13.42 ug/ml



#8 N-DOCOSANE

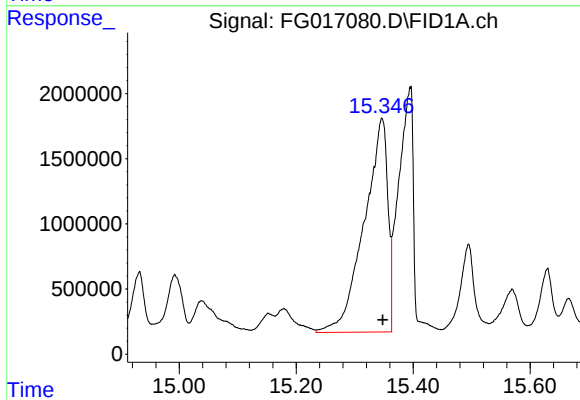
R.T.: 14.241 min
Delta R.T.: 0.004 min
Response: 1412243
Conc: 11.83 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

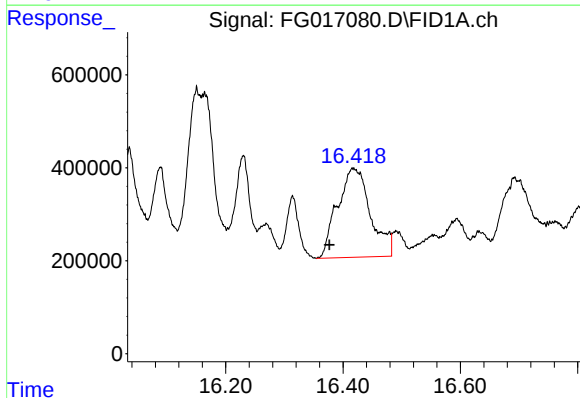
R.T.: 15.153 min
Delta R.T.: 0.011 min
Response: 2306462
Conc: 22.16 ug/ml

Instrument :
FID_E
ClientSampleId :



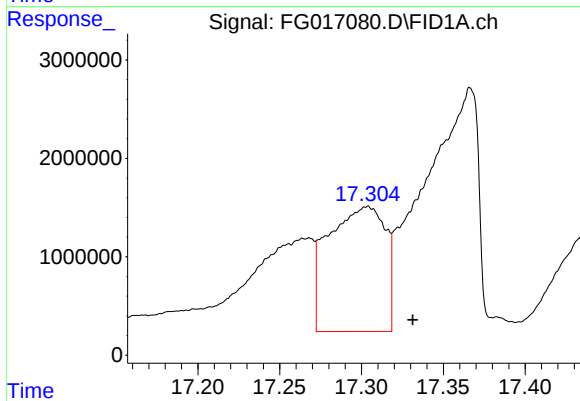
#10 N-TETRACOSANE

R.T.: 15.347 min
Delta R.T.: -0.001 min
Response: 45797497
Conc: 389.80 ug/ml



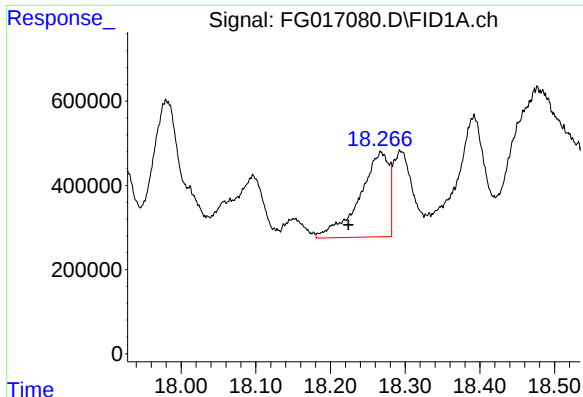
#11 N-HEXACOSANE

R.T.: 16.417 min
Delta R.T.: 0.040 min
Response: 7491446
Conc: 66.68 ug/ml



#12 N-OCTACOSANE

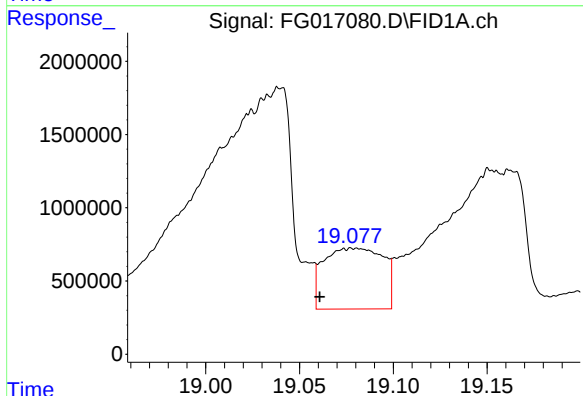
R.T.: 17.304 min
Delta R.T.: -0.028 min
Response: 30705787
Conc: 272.13 ug/ml



#13 N-TRIACONTANE

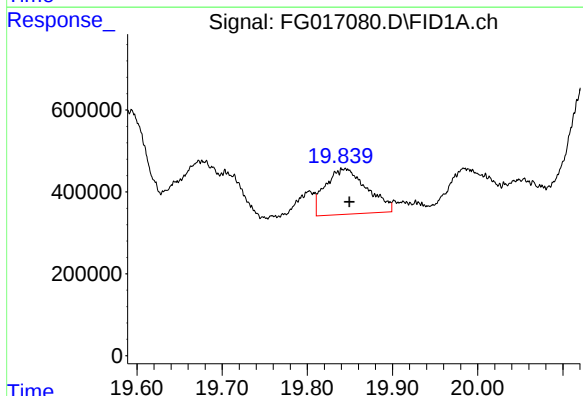
R.T.: 18.268 min
Delta R.T.: 0.044 min
Response: 5495204
Conc: 49.10 ug/ml

Instrument :
FID_E
ClientSampleId :



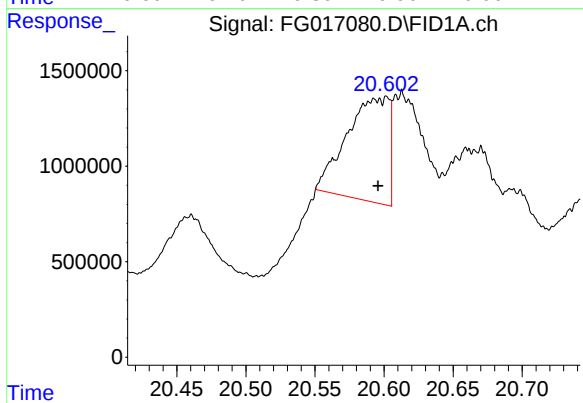
#14 N-DOTRIACONTANE

R.T.: 19.079 min
Delta R.T.: 0.018 min
Response: 9148315
Conc: 84.62 ug/ml



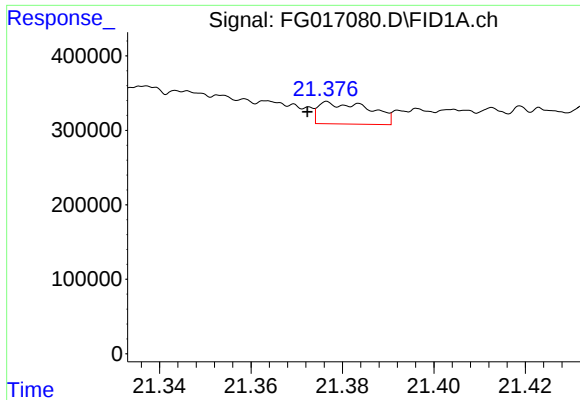
#15 N-TETRATRIACONTANE

R.T.: 19.845 min
Delta R.T.: -0.005 min
Response: 3772224
Conc: 37.63 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.593 min
Delta R.T.: -0.003 min
Response: 11566445
Conc: 132.61 ug/ml



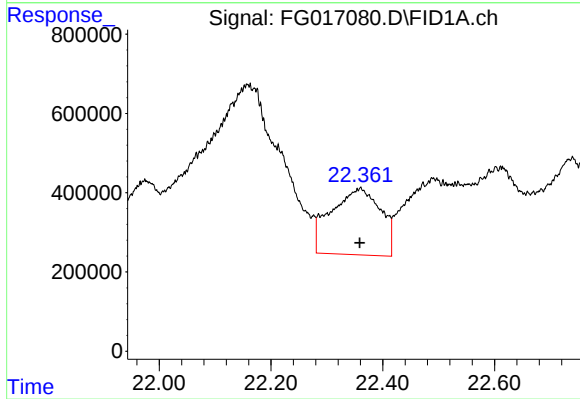
#17 N-OCTATRIACONTANE

R.T.: 21.377 min
Delta R.T.: 0.005 min
Response: 231323
Conc: 3.03 ug/ml

Instrument :

FID_E

ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.360 min
Delta R.T.: 0.002 min
Response: 10283104
Conc: 164.36 ug/ml