

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120225\
 Data File : FG017049.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2025 18:59
 Operator : YP\AJ
 Sample : Q3735-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-3-112625

Integration File: autoint1.e
 Quant Time: Dec 03 00:28:33 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...	15.140	1215362	11.679 ug/ml
Target Compounds			
1) N-OCTANE	2.082	1297266	10.422 ug/ml
2) N-DECANE	4.616	1544179	12.945 ug/ml
3) N-DODECANE	6.798	1583394	13.256 ug/ml
4) N-TETRADECANE	8.637	1510860	13.055 ug/ml
5) N-HEXADECANE	10.255	1615653	14.120 ug/ml
6) N-OCTADECANE	11.707	1739374	14.502 ug/ml
7) N-EICOSANE	13.027	1704328	13.710 ug/ml
8) N-DOCOSANE	14.234	1717840	14.388 ug/ml
10) N-TETRACOSANE	15.345	1774962	15.107 ug/ml
11) N-HEXACOSANE	16.373	1641399	14.610 ug/ml
12) N-OCTACOSANE	17.330	1713419	15.185 ug/ml
13) N-TRIACONTANE	18.224	1808608	16.159 ug/ml
14) N-DOTRIACONTANE	19.063	2050237	18.965 ug/ml
15) N-TETRATRIACONTANE	19.854	1583126	15.792 ug/ml
16) N-HEXATRIACONTANE	20.598	1408937	16.154 ug/ml
17) N-OCTATRIACONTANE	21.375	2042053	26.779 ug/ml
18) N-TETRACONTANE	22.360	2022466	32.326 ug/ml

(f)=RT Delta > 1/2 Window

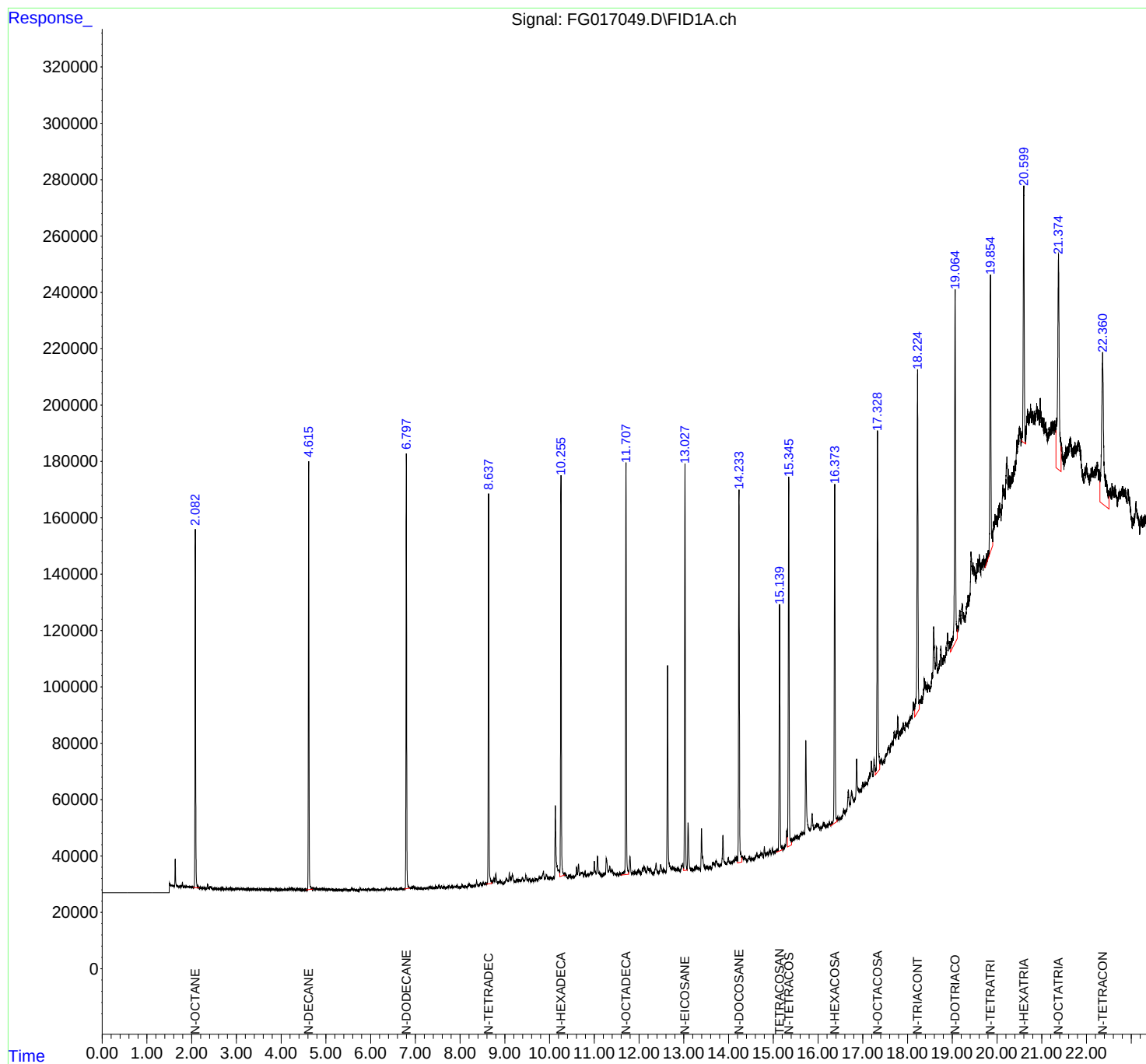
(m)=manual int.

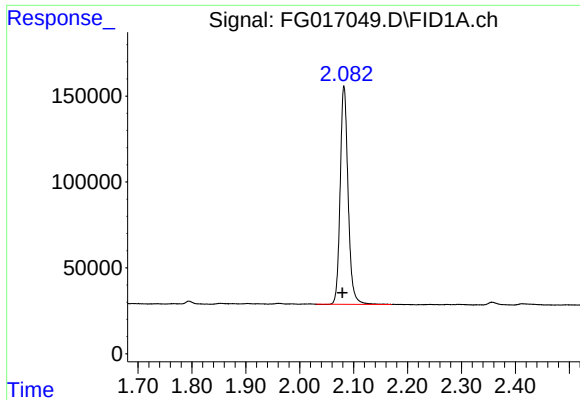
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Signal Info : 20mx0.18mmx0.18um

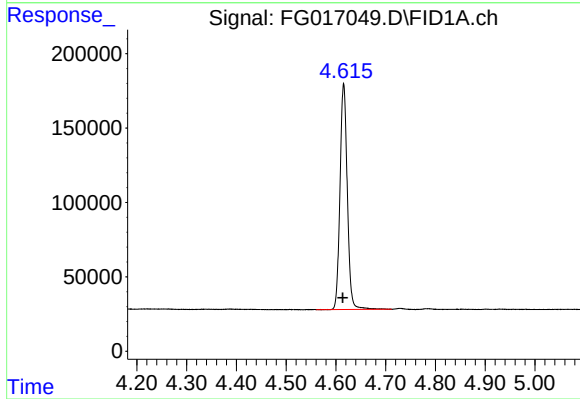




#1 N-OCTANE

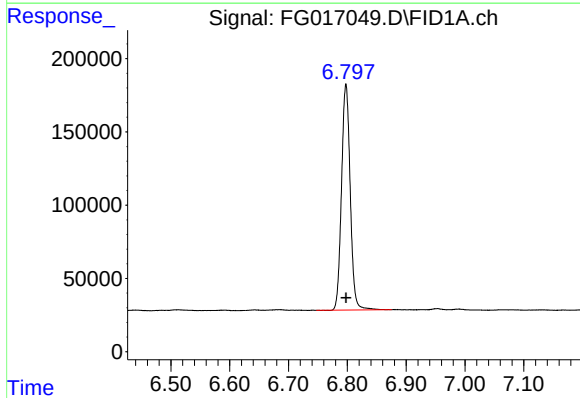
R.T.: 2.082 min
Delta R.T.: 0.003 min
Response: 1297266
Conc: 10.42 ug/ml

Instrument :
FID_G
ClientSampleId :
BU-3-112625



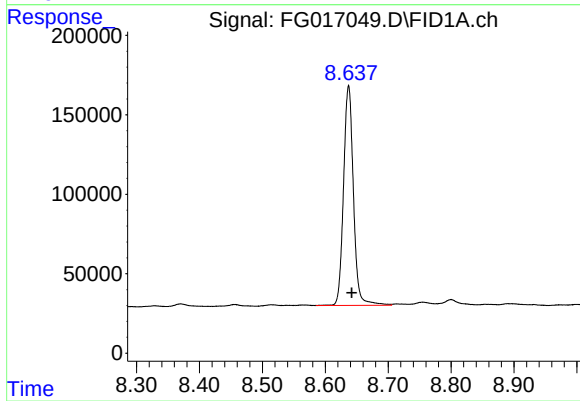
#2 N-DECANE

R.T.: 4.616 min
Delta R.T.: 0.002 min
Response: 1544179
Conc: 12.94 ug/ml



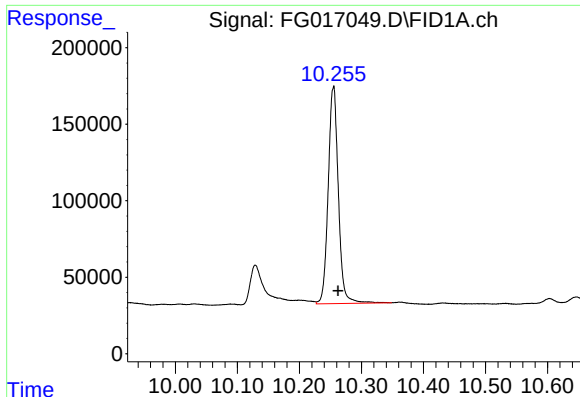
#3 N-DODECANE

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 1583394
Conc: 13.26 ug/ml



#4 N-TETRADECANE

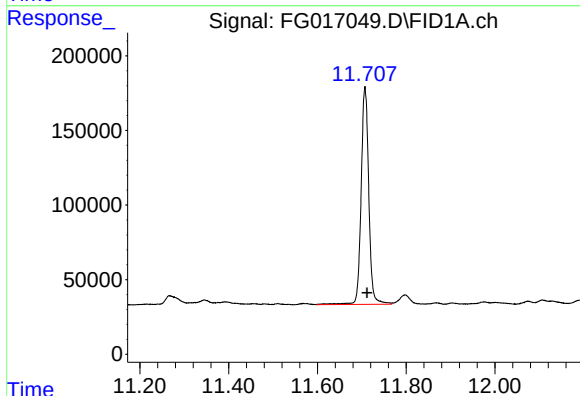
R.T.: 8.637 min
Delta R.T.: -0.005 min
Response: 1510860
Conc: 13.05 ug/ml



#5 N-HEXADECANE

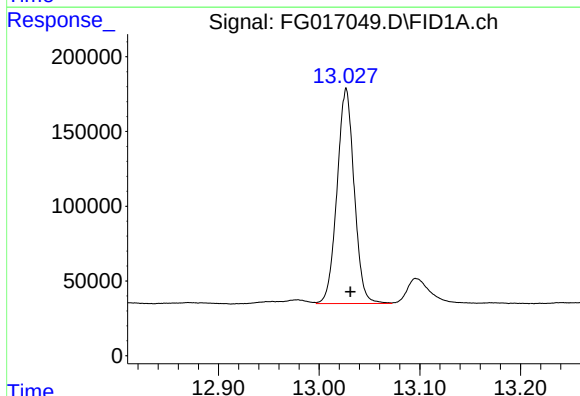
R.T.: 10.255 min
Delta R.T.: -0.008 min
Response: 1615653
Conc: 14.12 ug/ml

Instrument :
FID_G
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BU-3-112625



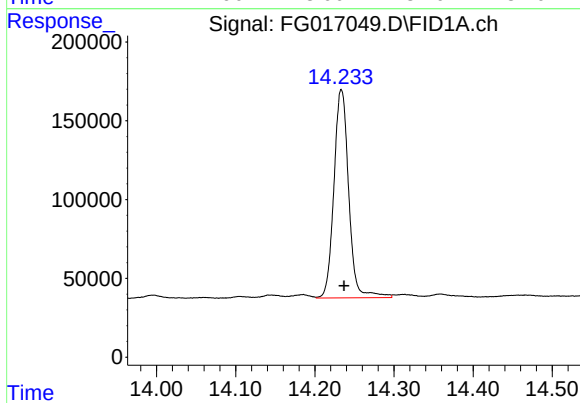
#6 N-OCTADECANE

R.T.: 11.707 min
Delta R.T.: -0.005 min
Response: 1739374
Conc: 14.50 ug/ml



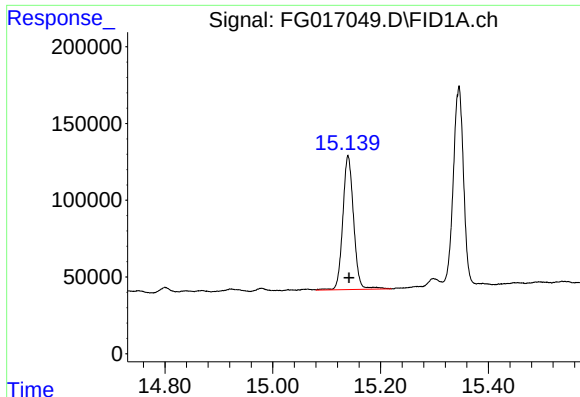
#7 N-EICOSANE

R.T.: 13.027 min
Delta R.T.: -0.004 min
Response: 1704328
Conc: 13.71 ug/ml



#8 N-DOCOSANE

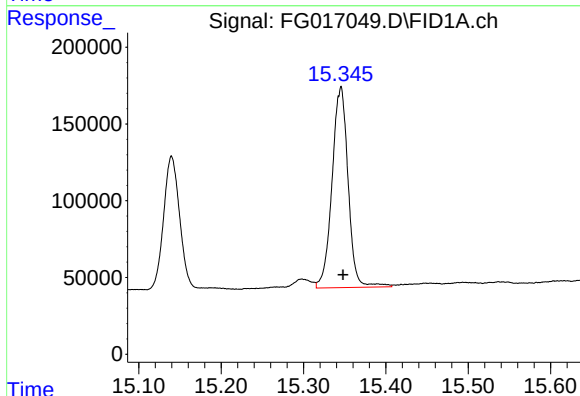
R.T.: 14.234 min
Delta R.T.: -0.003 min
Response: 1717840
Conc: 14.39 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

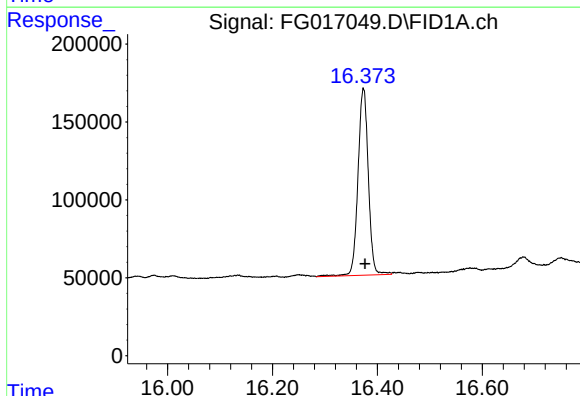
R.T.: 15.140 min
Delta R.T.: -0.002 min
Response: 1215362
Conc: 11.68 ug/ml

Instrument :
FID_G
ClientSampleId :
BU-3-112625



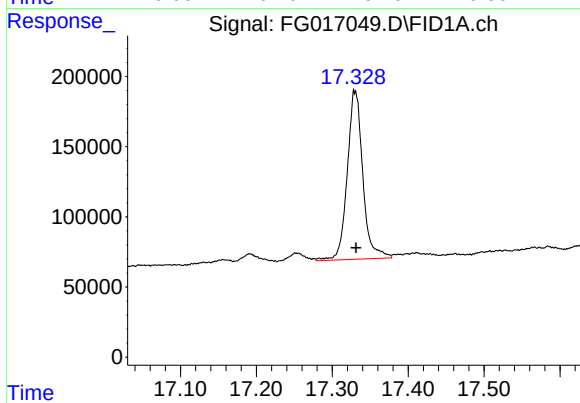
#10 N-TETRACOSANE

R.T.: 15.345 min
Delta R.T.: -0.003 min
Response: 1774962
Conc: 15.11 ug/ml



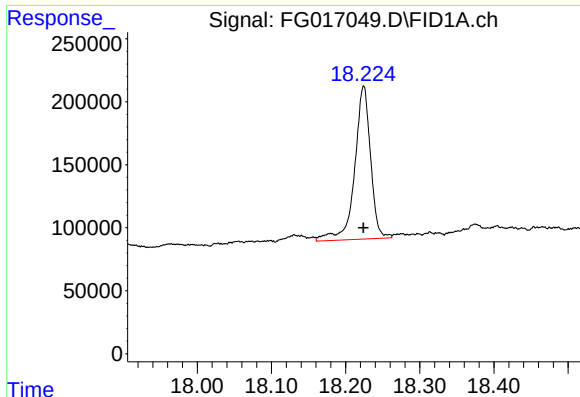
#11 N-HEXACOSANE

R.T.: 16.373 min
Delta R.T.: -0.003 min
Response: 1641399
Conc: 14.61 ug/ml



#12 N-OCTACOSANE

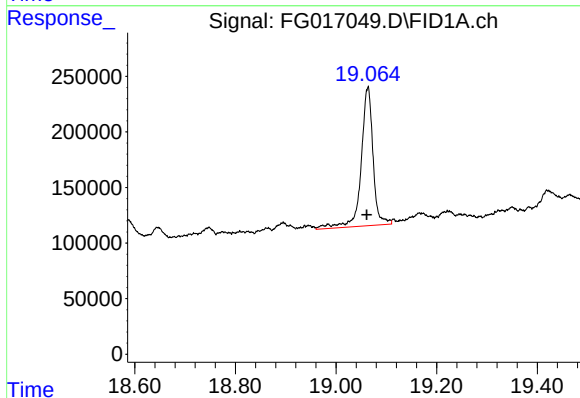
R.T.: 17.330 min
Delta R.T.: -0.001 min
Response: 1713419
Conc: 15.18 ug/ml



#13 N-TRIACONTANE

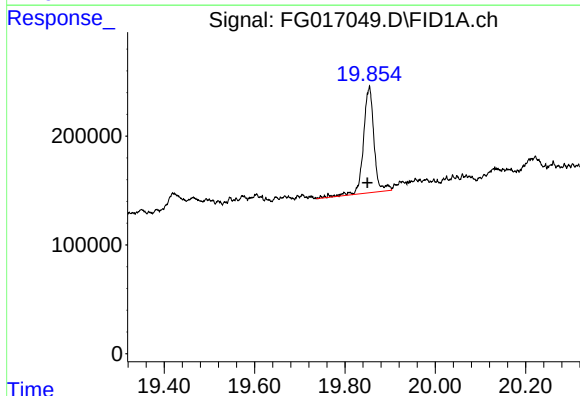
R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 1808608
Conc: 16.16 ug/ml

Instrument :
FID_G
ClientSampleId :
BU-3-112625



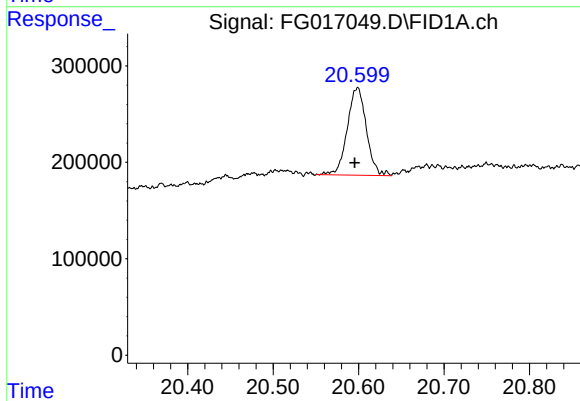
#14 N-DOTRIACONTANE

R.T.: 19.063 min
Delta R.T.: 0.002 min
Response: 2050237
Conc: 18.97 ug/ml



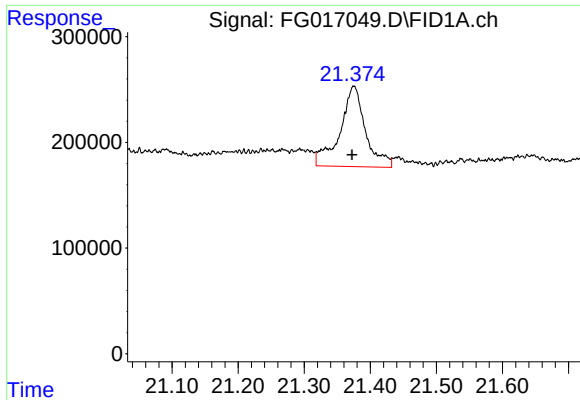
#15 N-TETRATRIACONTANE

R.T.: 19.854 min
Delta R.T.: 0.004 min
Response: 1583126
Conc: 15.79 ug/ml



#16 N-HEXATRIACONTANE

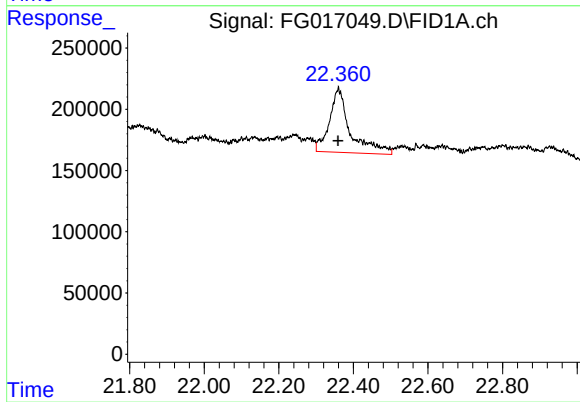
R.T.: 20.598 min
Delta R.T.: 0.003 min
Response: 1408937
Conc: 16.15 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.375 min
Delta R.T.: 0.003 min
Response: 2042053
Conc: 26.78 ug/ml

Instrument :
FID_G
ClientSampleId :
BU-3-112625



#18 N-TETRACONTANE

R.T.: 22.360 min
Delta R.T.: 0.001 min
Response: 2022466
Conc: 32.33 ug/ml