

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090425\
 Data File : FG016550.D
 Signal(s) : FID1A.ch
 Acq On : 04 Sep 2025 16:45
 Operator : YP\AJ
 Sample : Q2998-01MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 05 03:48:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Thu Sep 04 10:24:25 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...	15.189	1246018	13.078 ug/ml
Target Compounds			
1) N-OCTANE	2.104	1756447	16.552 ug/ml
2) N-DECANE	4.652	2033996	18.822 ug/ml
3) N-DODECANE	6.836	2327340	21.415 ug/ml
4) N-TETRADECANE	8.678	3094546	28.302 ug/ml
5) N-HEXADECANE	10.299	3901944	35.897 ug/ml
6) N-OCTADECANE	11.754	4234050	38.277 ug/ml
7) N-EICOSANE	13.075	3711002	32.833 ug/ml
8) N-DOCOSANE	14.283	2835544	25.811 ug/ml
10) N-TETRACOSANE	15.391	3890124	35.503 ug/ml
11) N-HEXACOSANE	16.427	2530018	23.657 ug/ml
12) N-OCTACOSANE	17.385	2966038	27.532 ug/ml
13) N-TRIACONTANE	18.282	3035708	27.861 ug/ml
14) N-DOTRIACONTANE	19.122	3434776	32.609 ug/ml
15) N-TETRATRIACONTANE	19.915	2069626	21.720 ug/ml
16) N-HEXATRIACONTANE	20.662	1560649	20.887 ug/ml
17) N-OCTATRIACONTANE	21.402	76454	1.275 ug/ml
18) N-TETRACONTANE	22.348f	230784	5.491 ug/ml

(f)=RT Delta > 1/2 Window

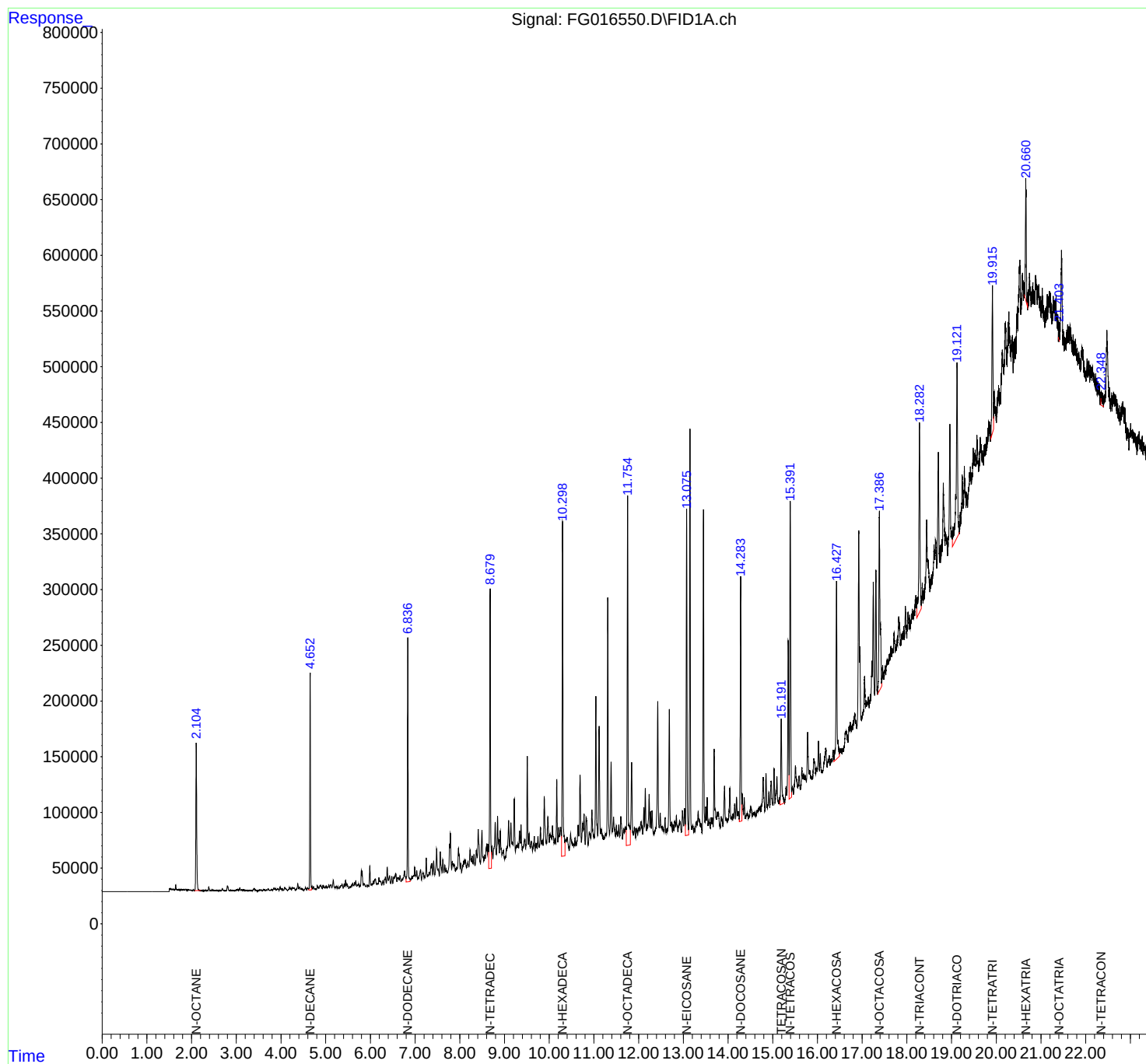
(m)=manual int.

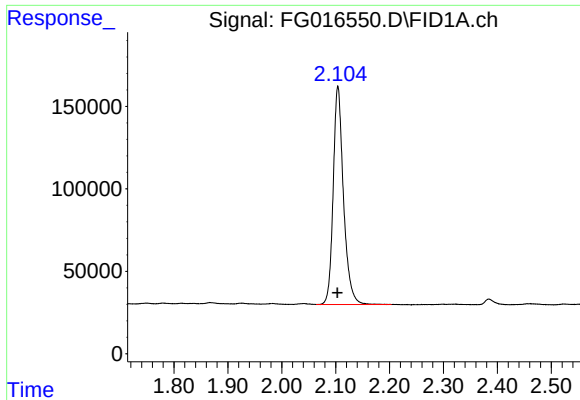
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Signal Info : 20mx0.18mmx0.18um

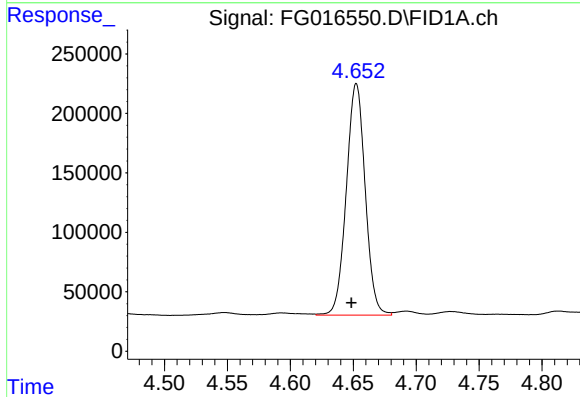




#1 N-OCTANE

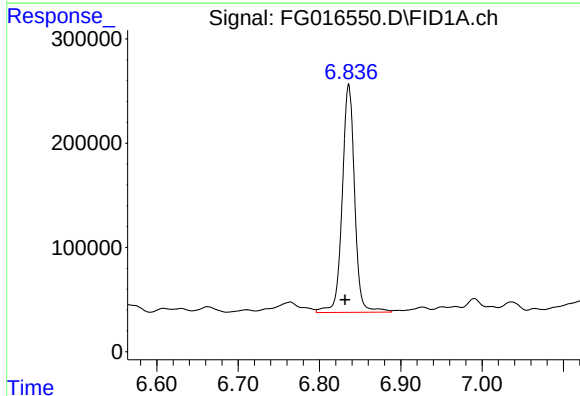
R.T.: 2.104 min
Delta R.T.: 0.001 min
Response: 1756447
Conc: 16.55 ug/ml

Instrument :
FID_E
ClientSampleId :



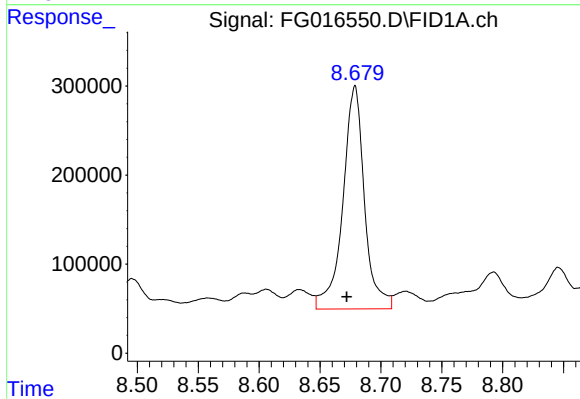
#2 N-DECANE

R.T.: 4.652 min
Delta R.T.: 0.004 min
Response: 2033996
Conc: 18.82 ug/ml



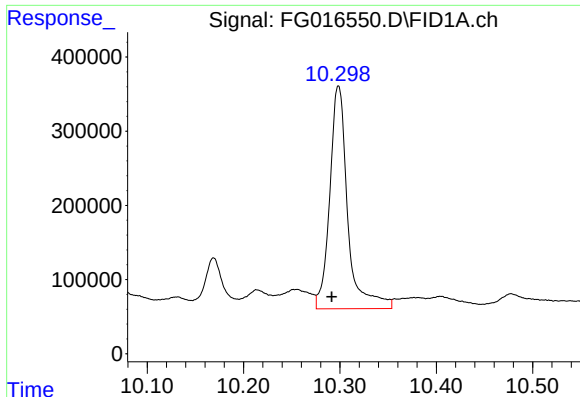
#3 N-DODECANE

R.T.: 6.836 min
Delta R.T.: 0.004 min
Response: 2327340
Conc: 21.42 ug/ml



#4 N-TETRADECANE

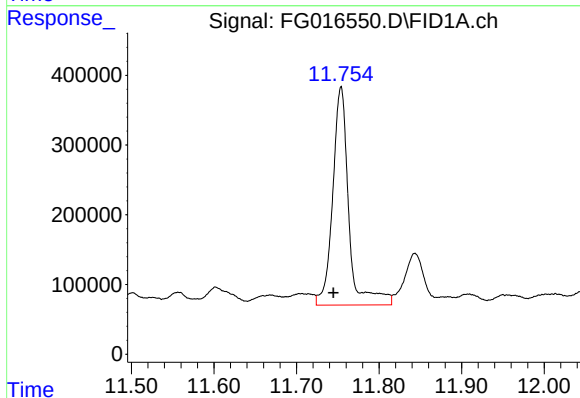
R.T.: 8.678 min
Delta R.T.: 0.006 min
Response: 3094546
Conc: 28.30 ug/ml



#5 N-HEXADECANE

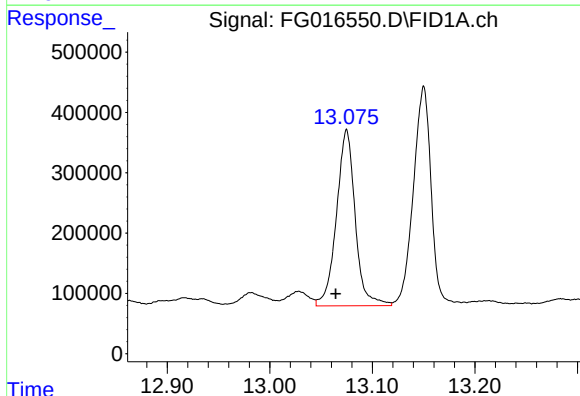
R.T.: 10.299 min
Delta R.T.: 0.007 min
Response: 3901944
Conc: 35.90 ug/ml

Instrument :
FID_E
ClientSampleId :



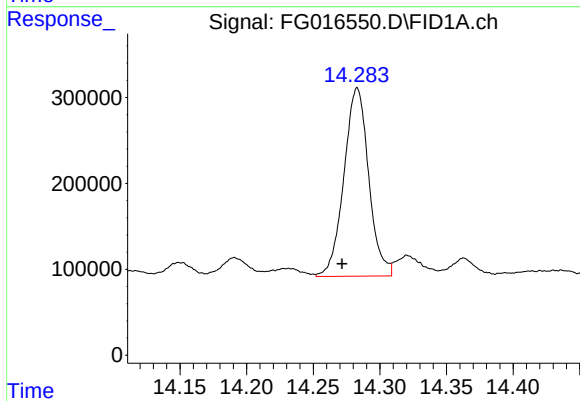
#6 N-OCTADECANE

R.T.: 11.754 min
Delta R.T.: 0.009 min
Response: 4234050
Conc: 38.28 ug/ml



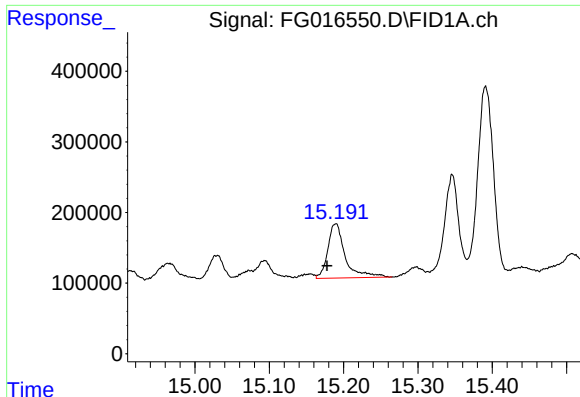
#7 N-EICOSANE

R.T.: 13.075 min
Delta R.T.: 0.010 min
Response: 3711002
Conc: 32.83 ug/ml



#8 N-DOCOSANE

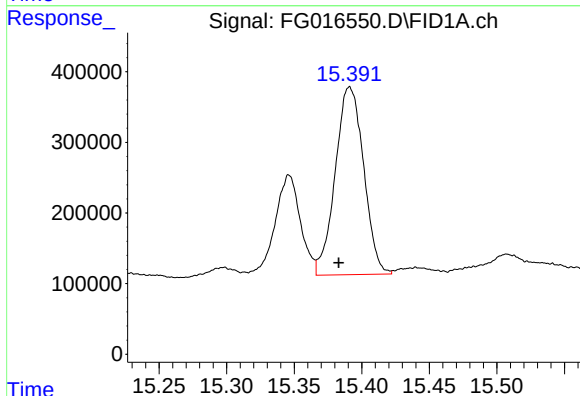
R.T.: 14.283 min
Delta R.T.: 0.011 min
Response: 2835544
Conc: 25.81 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

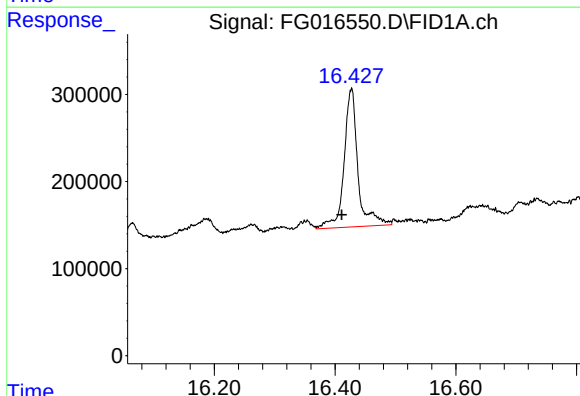
R.T.: 15.189 min
Delta R.T.: 0.012 min
Response: 1246018
Conc: 13.08 ug/ml

Instrument :
FID_E
ClientSampleId :



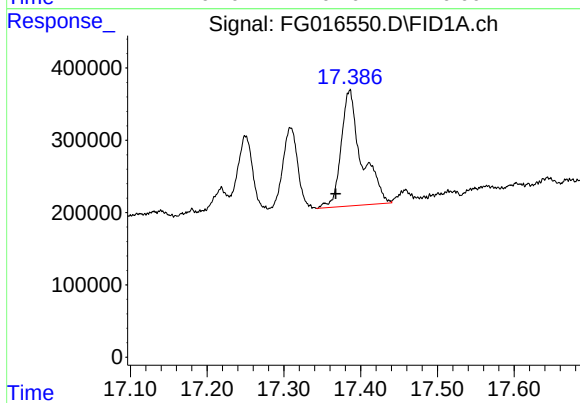
#10 N-TETRACOSANE

R.T.: 15.391 min
Delta R.T.: 0.008 min
Response: 3890124
Conc: 35.50 ug/ml



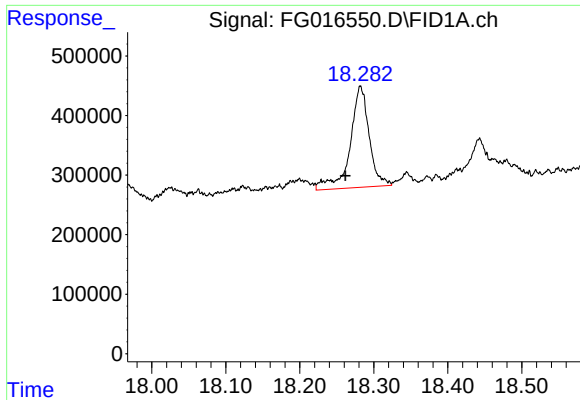
#11 N-HEXACOSANE

R.T.: 16.427 min
Delta R.T.: 0.015 min
Response: 2530018
Conc: 23.66 ug/ml



#12 N-OCTACOSANE

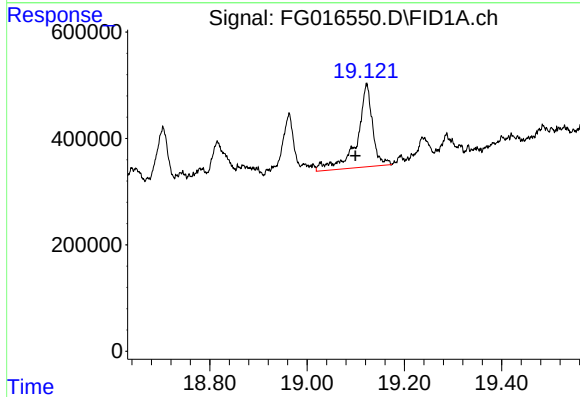
R.T.: 17.385 min
Delta R.T.: 0.018 min
Response: 2966038
Conc: 27.53 ug/ml



#13 N-TRIACONTANE

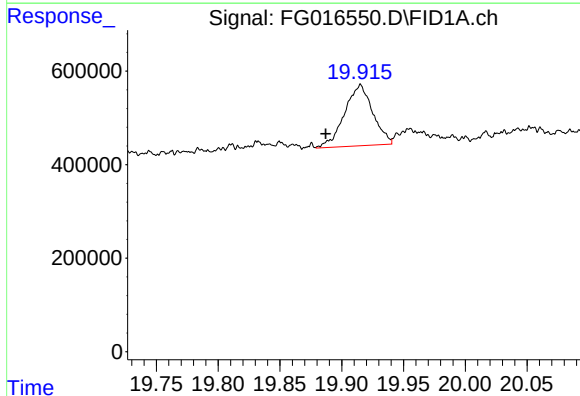
R.T.: 18.282 min
Delta R.T.: 0.021 min
Response: 3035708
Conc: 27.86 ug/ml

Instrument :
FID_E
ClientSampleId :



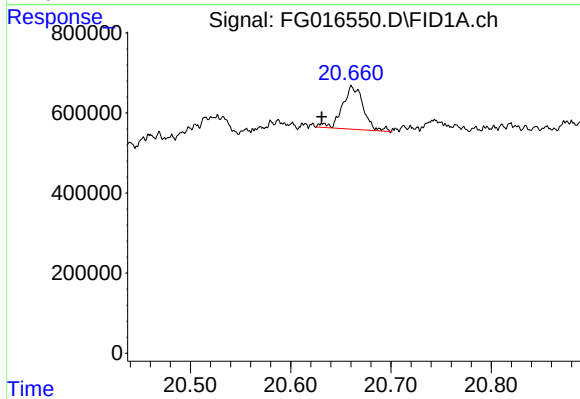
#14 N-DOTRIACONTANE

R.T.: 19.122 min
Delta R.T.: 0.023 min
Response: 3434776
Conc: 32.61 ug/ml



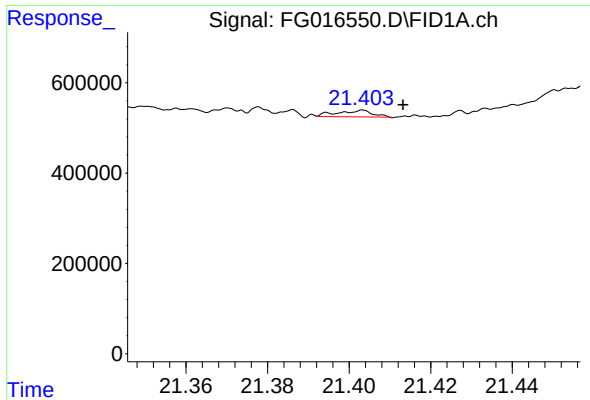
#15 N-TETRATRIACONTANE

R.T.: 19.915 min
Delta R.T.: 0.028 min
Response: 2069626
Conc: 21.72 ug/ml



#16 N-HEXATRIACONTANE

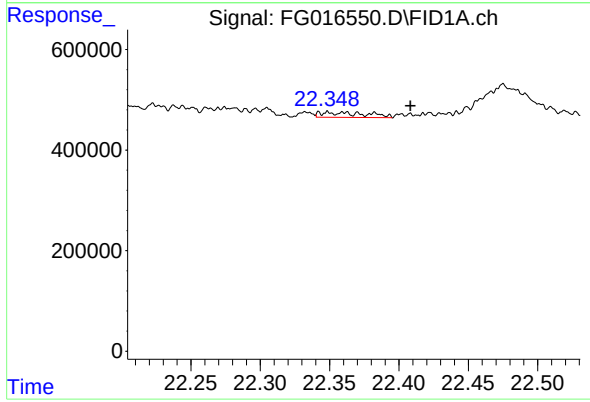
R.T.: 20.662 min
Delta R.T.: 0.032 min
Response: 1560649
Conc: 20.89 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.402 min
Delta R.T.: -0.011 min
Response: 76454
Conc: 1.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.348 min
Delta R.T.: -0.060 min
Response: 230784
Conc: 5.49 ug/ml