

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016966.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2025 14:34
 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: Nov 26 04:56:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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...	15.142	5680011	52.799 ug/ml
Target Compounds			
1) N-OCTANE	2.080	6446730	54.409 ug/ml
2) N-DECANE	4.618	6620122	57.272 ug/ml
3) N-DODECANE	6.801	6710227	57.563 ug/ml
4) N-TETRADECANE	8.641	6650182	58.170 ug/ml
5) N-HEXADECANE	10.258	6566530	57.175 ug/ml
6) N-OCTADECANE	11.710	6700213	55.075 ug/ml
7) N-EICOSANE	13.030	6792043	53.932 ug/ml
8) N-DOCOSANE	14.237	6535345	53.106 ug/ml
10) N-TETRACOSANE	15.348	6431303	52.616 ug/ml
11) N-HEXACOSANE	16.376	6193001	52.438 ug/ml
12) N-OCTACOSANE	17.332	6179444	52.233 ug/ml
13) N-TRIACONTANE	18.225	6156192	52.376 ug/ml
14) N-DOTRIACONTANE	19.063	5944449	52.420 ug/ml
15) N-TETRATRIACONTANE	19.851	5553069	52.499 ug/ml
16) N-HEXATRIACONTANE	20.595	4871529	51.520 ug/ml
17) N-OCTATRIACONTANE	21.368	4271862	52.966 ug/ml
18) N-TETRACONTANE	22.349	3689735	52.765 ug/ml

(f)=RT Delta > 1/2 Window

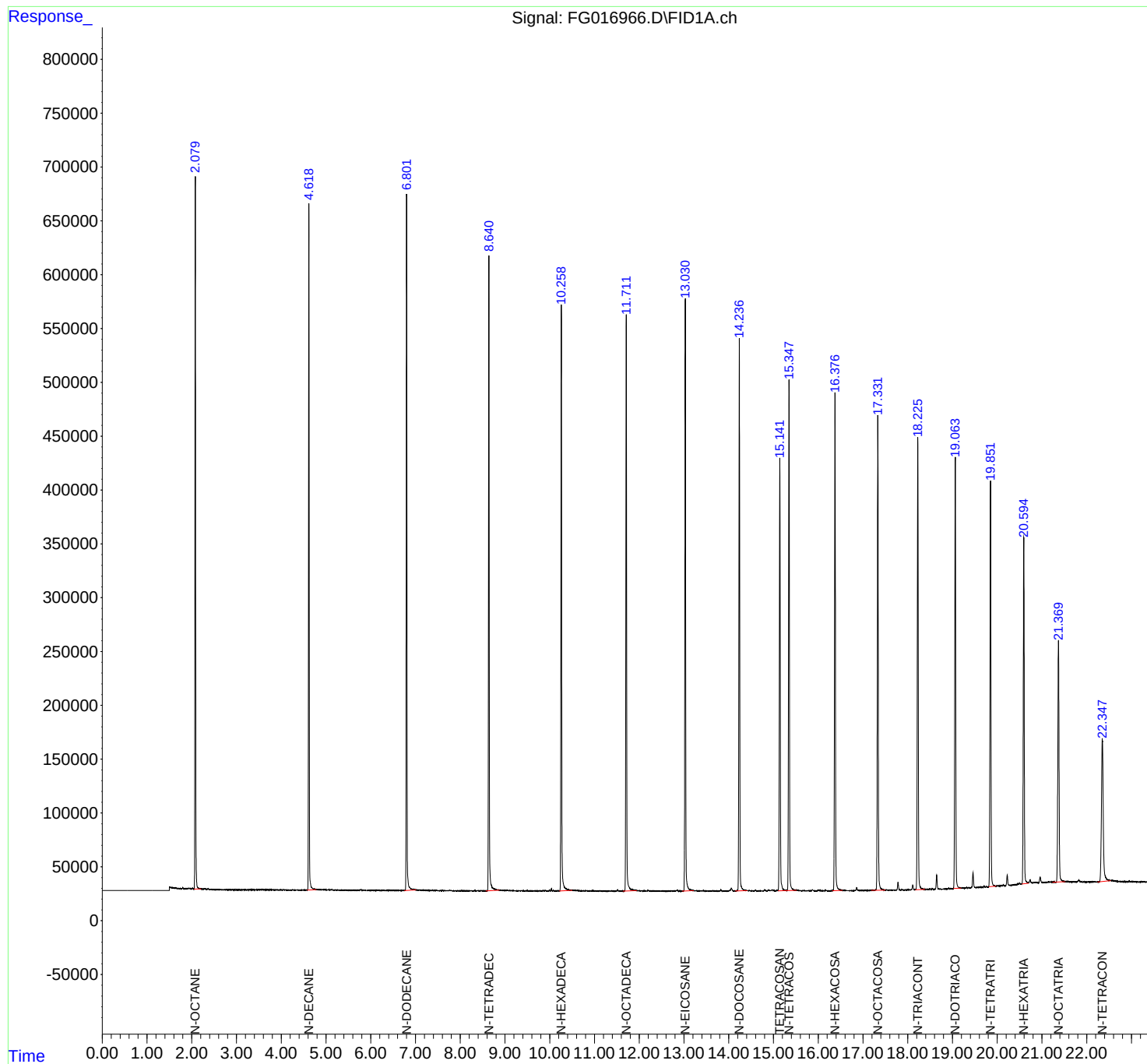
(m)=manual int.

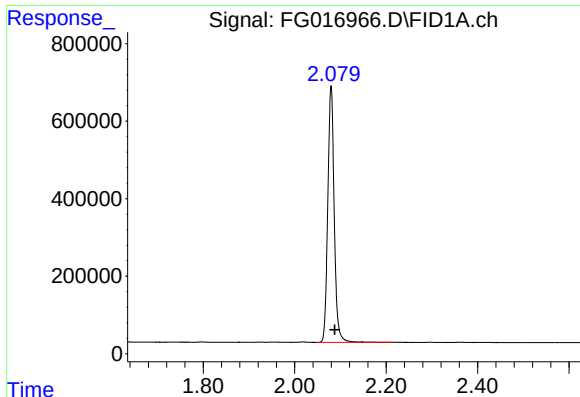
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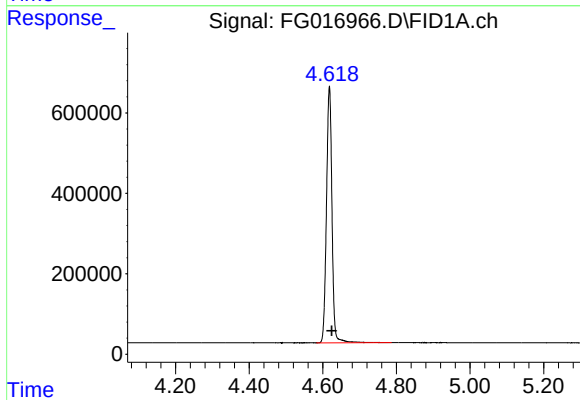




#1 N-OCTANE

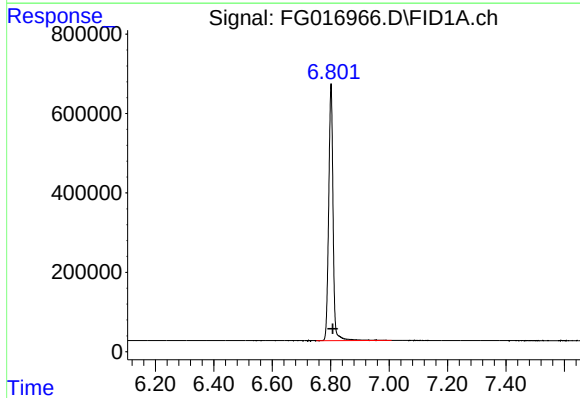
R.T.: 2.080 min
Delta R.T.: -0.008 min
Response: 6446730
Conc: 54.41 ug/ml

Instrument :
FID_E
ClientSampleId :



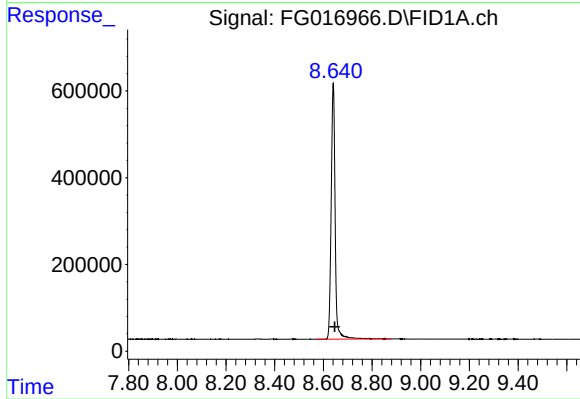
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 6620122
Conc: 57.27 ug/ml



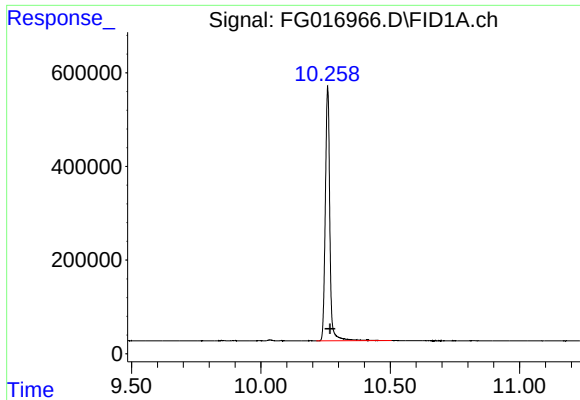
#3 N-DODECANE

R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 6710227
Conc: 57.56 ug/ml



#4 N-TETRADECANE

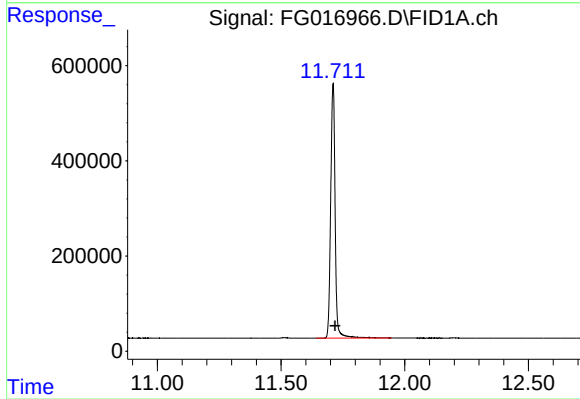
R.T.: 8.641 min
Delta R.T.: -0.007 min
Response: 6650182
Conc: 58.17 ug/ml



#5 N-HEXADECANE

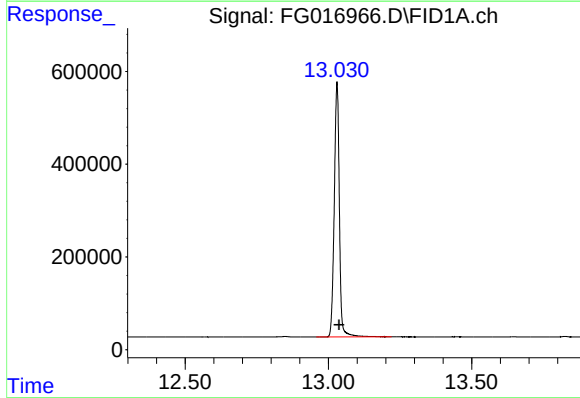
R.T.: 10.258 min
Delta R.T.: -0.009 min
Response: 6566530
Conc: 57.18 ug/ml

Instrument :
FID_E
ClientSampleId :



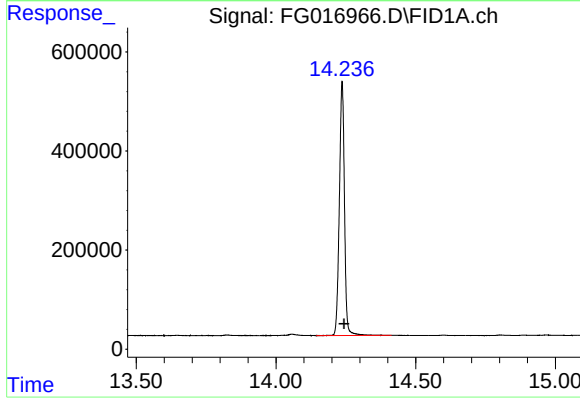
#6 N-OCTADECANE

R.T.: 11.710 min
Delta R.T.: -0.009 min
Response: 6700213
Conc: 55.07 ug/ml



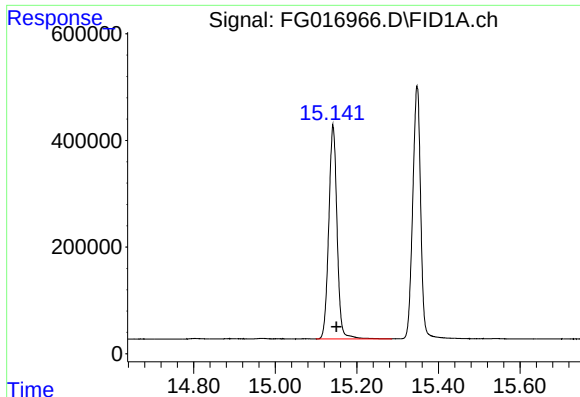
#7 N-EICOSANE

R.T.: 13.030 min
Delta R.T.: -0.008 min
Response: 6792043
Conc: 53.93 ug/ml



#8 N-DOCOSANE

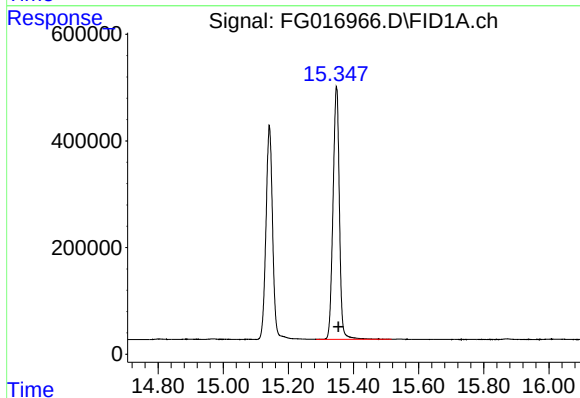
R.T.: 14.237 min
Delta R.T.: -0.007 min
Response: 6535345
Conc: 53.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

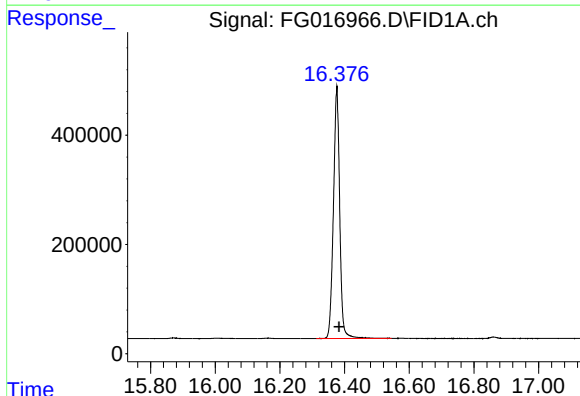
R.T.: 15.142 min
Delta R.T.: -0.008 min
Response: 5680011
Conc: 52.80 ug/ml

Instrument :
FID_E
ClientSampleId :



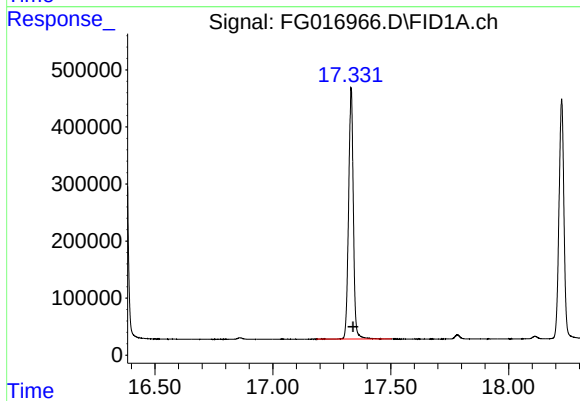
#10 N-TETRACOSANE

R.T.: 15.348 min
Delta R.T.: -0.006 min
Response: 6431303
Conc: 52.62 ug/ml



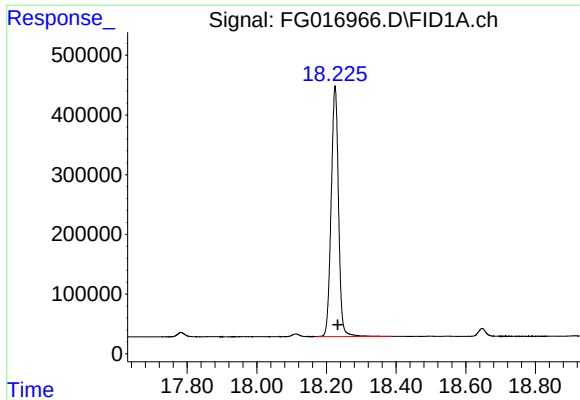
#11 N-HEXACOSANE

R.T.: 16.376 min
Delta R.T.: -0.007 min
Response: 6193001
Conc: 52.44 ug/ml



#12 N-OCTACOSANE

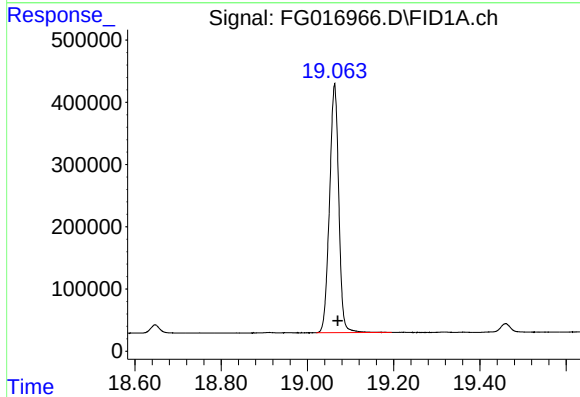
R.T.: 17.332 min
Delta R.T.: -0.007 min
Response: 6179444
Conc: 52.23 ug/ml



#13 N-TRIACONTANE

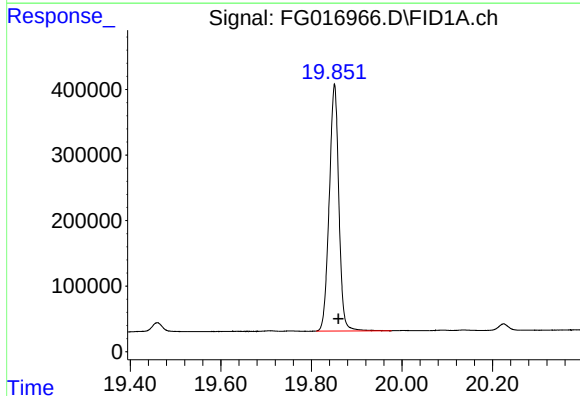
R.T.: 18.225 min
Delta R.T.: -0.008 min
Response: 6156192
Conc: 52.38 ug/ml

Instrument :
FID_E
ClientSampleId :



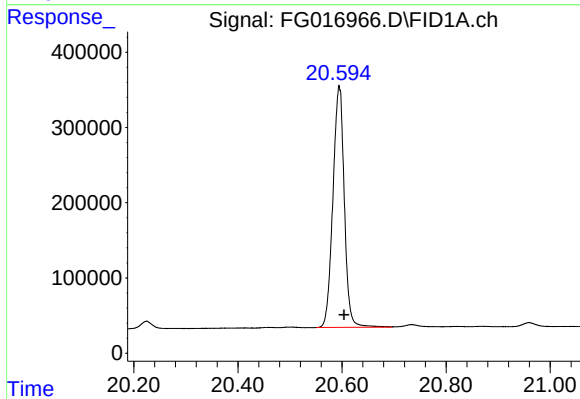
#14 N-DOTRIACONTANE

R.T.: 19.063 min
Delta R.T.: -0.007 min
Response: 5944449
Conc: 52.42 ug/ml



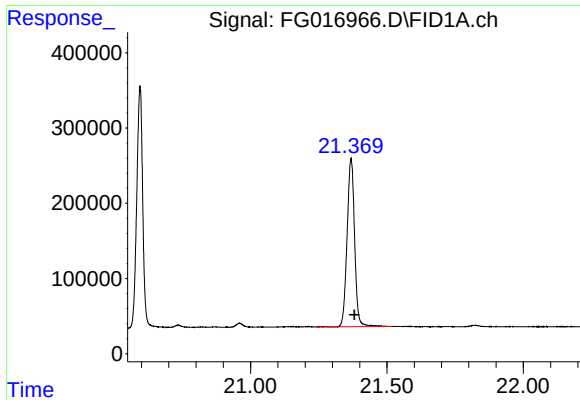
#15 N-TETRATRIACONTANE

R.T.: 19.851 min
Delta R.T.: -0.009 min
Response: 5553069
Conc: 52.50 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.595 min
Delta R.T.: -0.009 min
Response: 4871529
Conc: 51.52 ug/ml



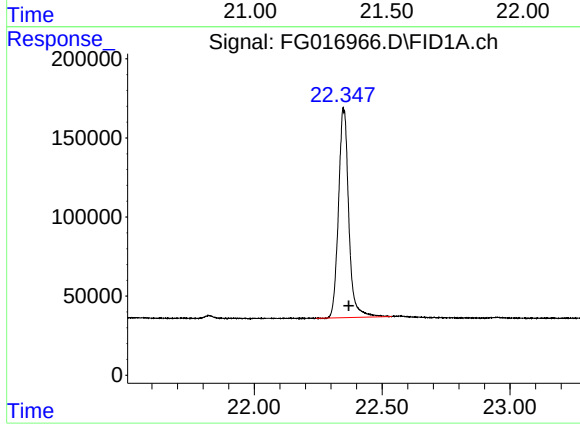
#17 N-OCTATRIACONTANE

R.T.: 21.368 min
Delta R.T.: -0.013 min
Response: 4271862
Conc: 52.97 ug/ml

Instrument :

FID_E

ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.349 min
Delta R.T.: -0.020 min
Response: 3689735
Conc: 52.77 ug/ml