

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
 Data File : FF016205.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2025 16:36
 Operator : YP\AJ
 Sample : Q2893-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 26 04:23:56 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...	15.082	2455882	22.002 ug/ml
Target Compounds			
1) N-OCTANE	2.062	588086	5.169 ug/ml
2) N-DECANE	4.599	650137	5.584 ug/ml
3) N-DODECANE	6.777	662043	5.604 ug/ml
4) N-TETRADECANE	8.610	683837	5.656 ug/ml
5) N-HEXADECANE	10.219	690547	5.682 ug/ml
6) N-OCTADECANE	11.665	719694	5.750 ug/ml
7) N-EICOSANE	12.977	741141	5.728 ug/ml
8) N-DOCOSANE	14.178	723095	5.719 ug/ml
10) N-TETRACOSANE	15.284	725618	5.725 ug/ml
11) N-HEXACOSANE	16.307	701847	5.670 ug/ml
12) N-OCTACOSANE	17.261	702414	5.612 ug/ml
13) N-TRIACONTANE	18.150	703492	5.507 ug/ml
14) N-DOTRIACONTANE	18.986	670062	5.384 ug/ml
15) N-TETRATRIACONTANE	19.772	576881	5.154 ug/ml
16) N-HEXATRIACONTANE	20.514	470696	5.115 ug/ml
17) N-OCTATRIACONTANE	21.276	418567	5.479 ug/ml
18) N-TETRACONTANE	22.228	370281	5.636 ug/ml

(f)=RT Delta > 1/2 Window

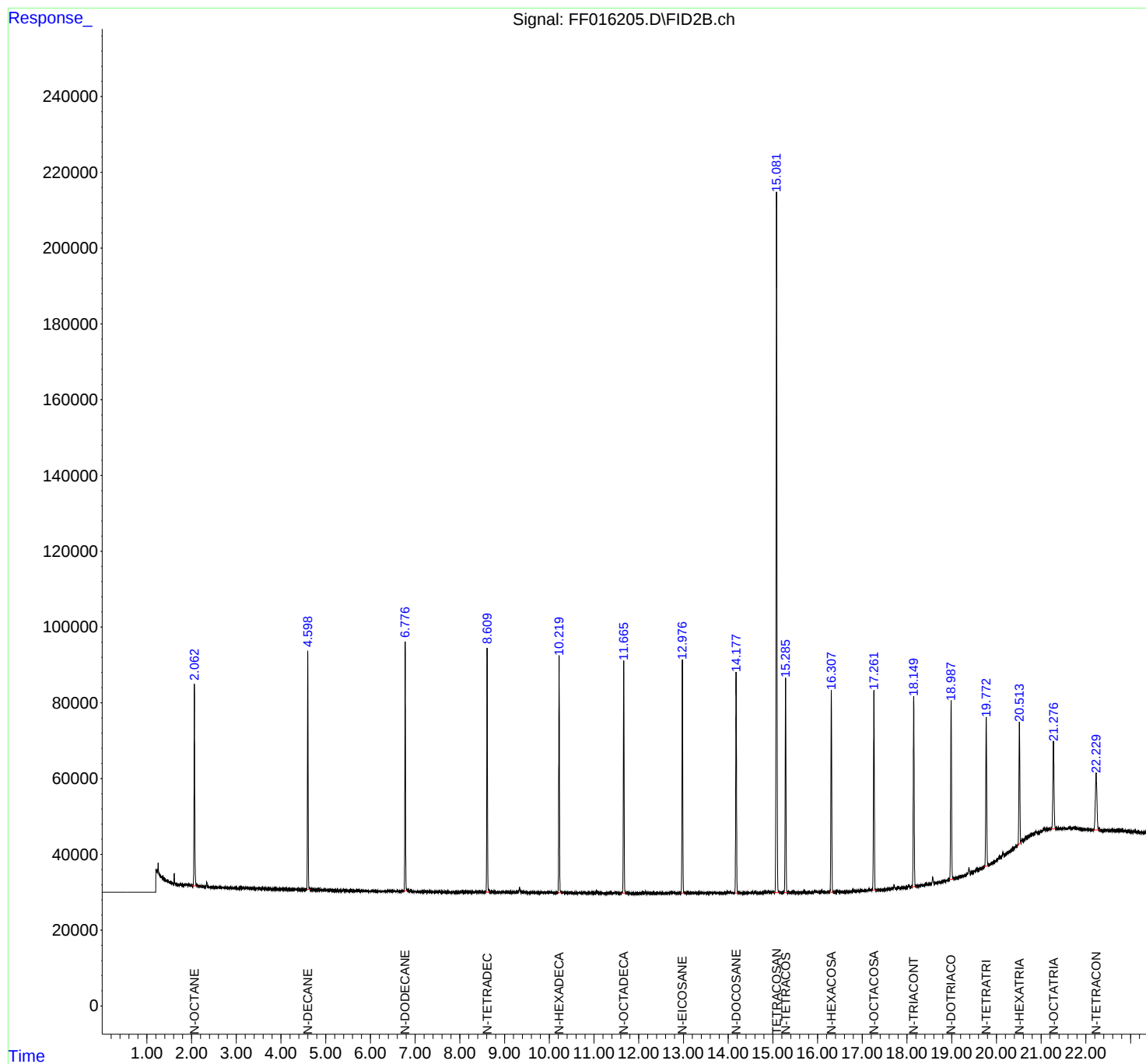
(m)=manual int.

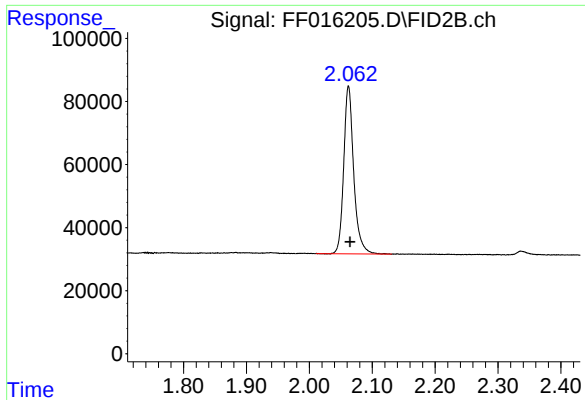
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Signal Info : 20mx0.18mmx0.18um

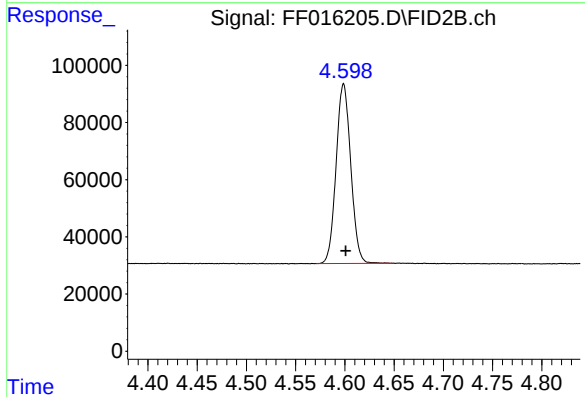




#1 N-OCTANE

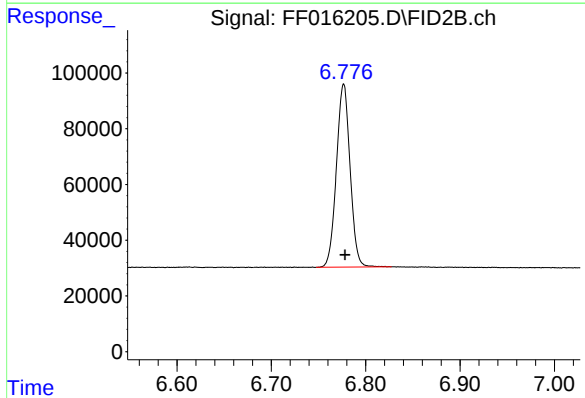
R.T.: 2.062 min
Delta R.T.: -0.003 min
Response: 588086
Conc: 5.17 ug/ml

Instrument :
FID_E
ClientSampleId :



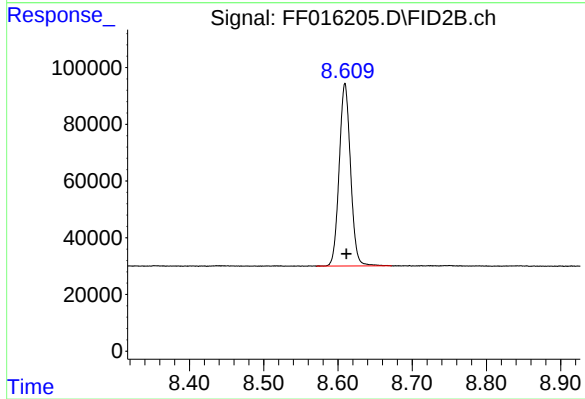
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 650137
Conc: 5.58 ug/ml



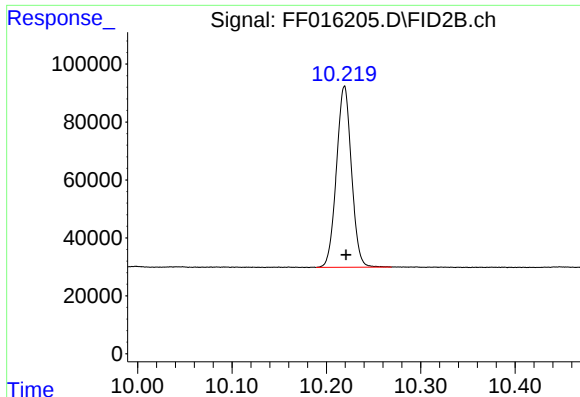
#3 N-DODECANE

R.T.: 6.777 min
Delta R.T.: -0.001 min
Response: 662043
Conc: 5.60 ug/ml



#4 N-TETRADECANE

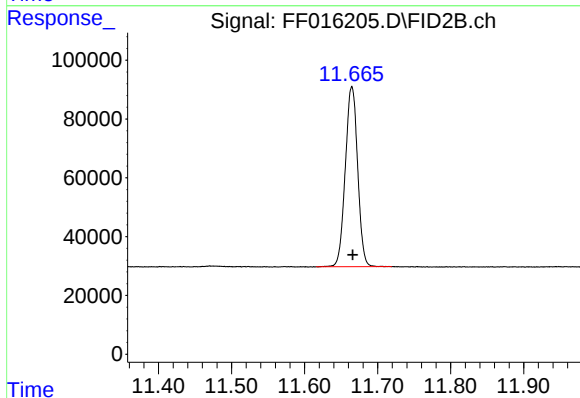
R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 683837
Conc: 5.66 ug/ml



#5 N-HEXADECANE

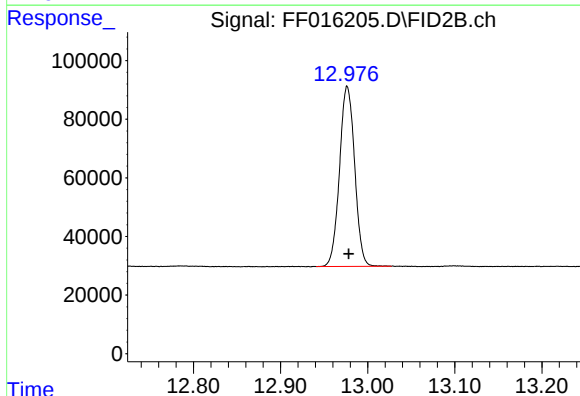
R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 690547
Conc: 5.68 ug/ml

Instrument :
FID_E
ClientSampleId :



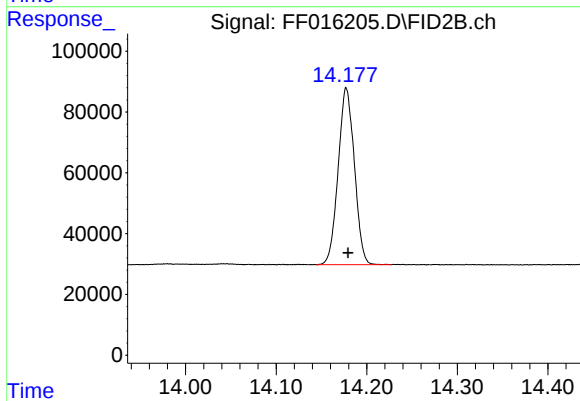
#6 N-OCTADECANE

R.T.: 11.665 min
Delta R.T.: -0.001 min
Response: 719694
Conc: 5.75 ug/ml



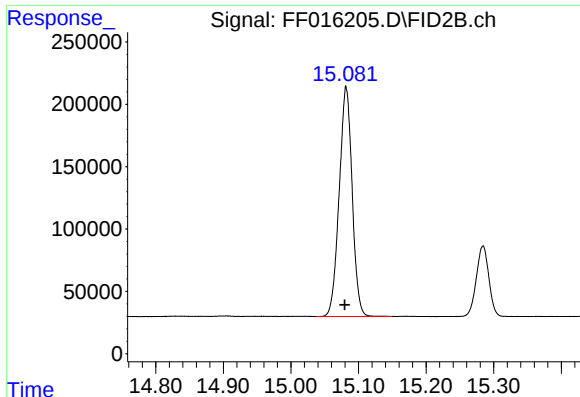
#7 N-EICOSANE

R.T.: 12.977 min
Delta R.T.: -0.002 min
Response: 741141
Conc: 5.73 ug/ml



#8 N-DOCOSANE

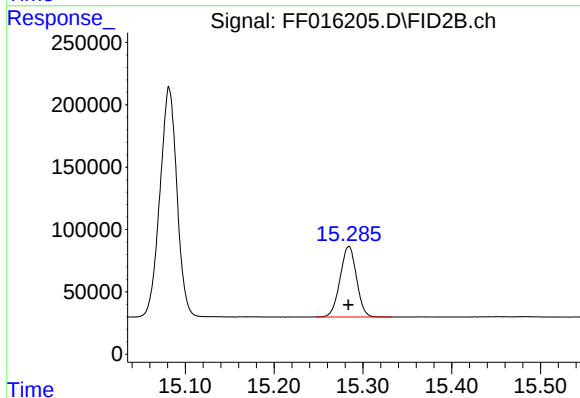
R.T.: 14.178 min
Delta R.T.: -0.002 min
Response: 723095
Conc: 5.72 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

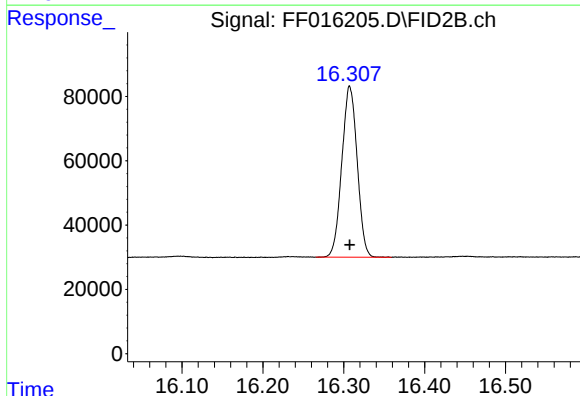
R.T.: 15.082 min
Delta R.T.: 0.002 min
Response: 2455882
Conc: 22.00 ug/ml

Instrument :
FID_E
ClientSampleId :



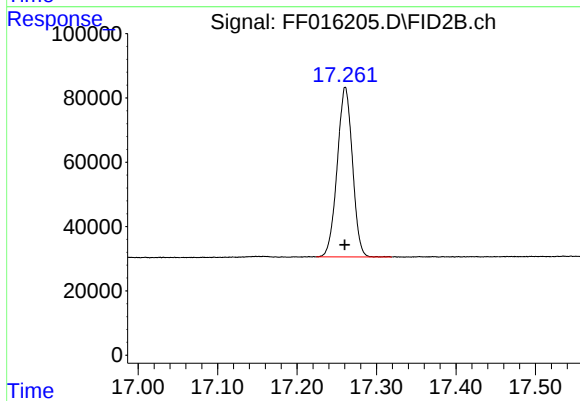
#10 N-TETRACOSANE

R.T.: 15.284 min
Delta R.T.: 0.000 min
Response: 725618
Conc: 5.73 ug/ml



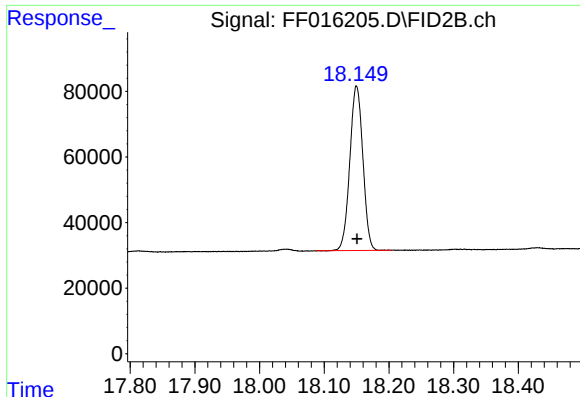
#11 N-HEXACOSANE

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 701847
Conc: 5.67 ug/ml



#12 N-OCTACOSANE

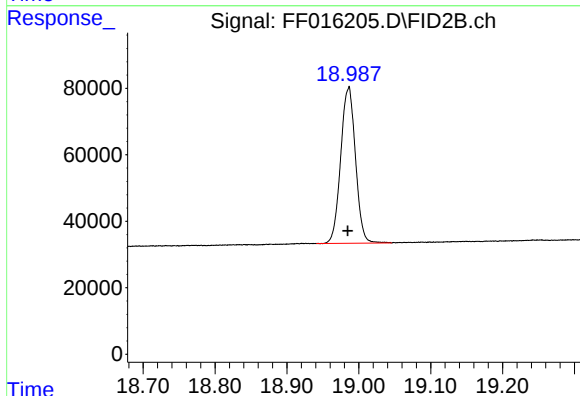
R.T.: 17.261 min
Delta R.T.: 0.000 min
Response: 702414
Conc: 5.61 ug/ml



#13 N-TRIACONTANE

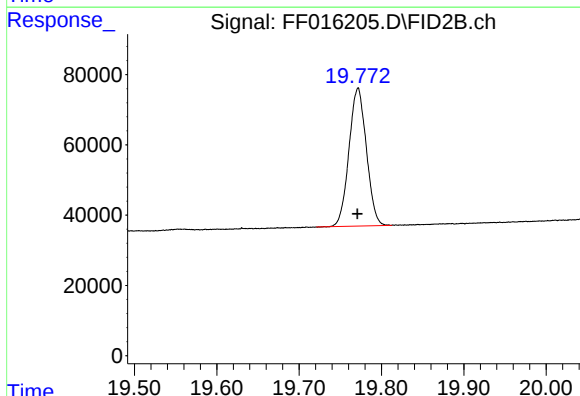
R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 703492
Conc: 5.51 ug/ml

Instrument :
FID_E
ClientSampleId :



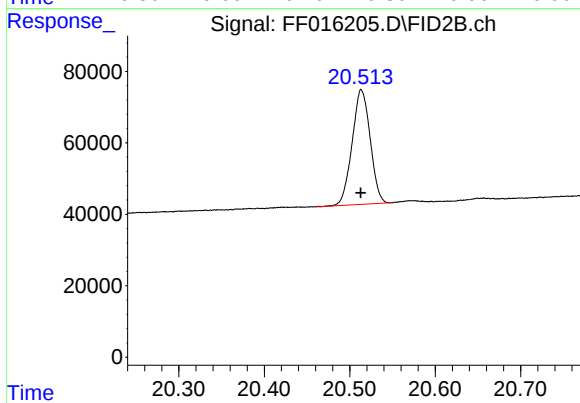
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: 0.002 min
Response: 670062
Conc: 5.38 ug/ml



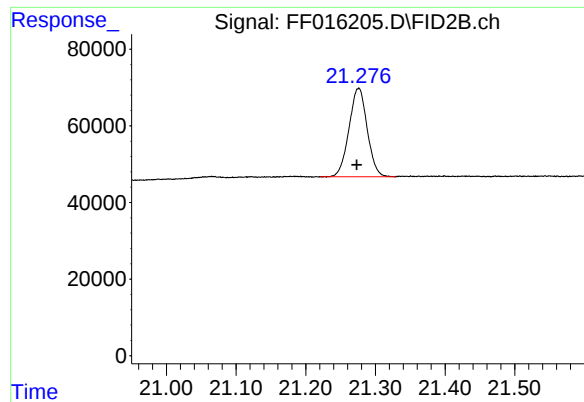
#15 N-TETRATRIACONTANE

R.T.: 19.772 min
Delta R.T.: 0.000 min
Response: 576881
Conc: 5.15 ug/ml



#16 N-HEXATRIACONTANE

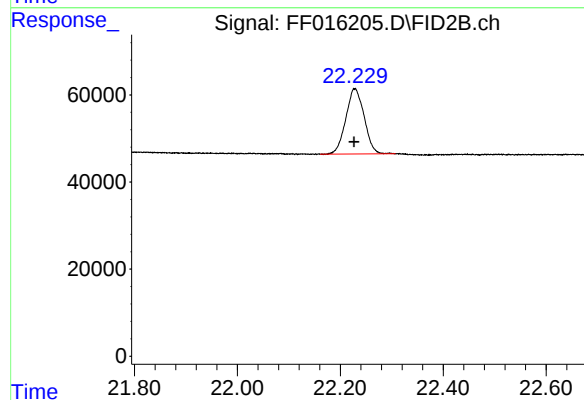
R.T.: 20.514 min
Delta R.T.: 0.000 min
Response: 470696
Conc: 5.12 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.276 min
Delta R.T.: 0.003 min
Response: 418567
Conc: 5.48 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.228 min
Delta R.T.: 0.001 min
Response: 370281
Conc: 5.64 ug/ml