

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG030625\
 Data File : FG015457.D
 Signal(s) : FID1A.ch
 Acq On : 06 Mar 2025 17:50
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 07 01:18:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:06:11 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...	15.034	5071746	46.582 ug/ml
Target Compounds			
1) N-OCTANE	1.991	5252506	47.782 ug/ml
2) N-DECANE	4.530	5471566	49.172 ug/ml
3) N-DODECANE	6.714	5777683	49.714 ug/ml
4) N-TETRADECANE	8.550	5760790	49.994 ug/ml
5) N-HEXADECANE	10.165	5912028	49.810 ug/ml
6) N-OCTADECANE	11.614	6075396	49.056 ug/ml
7) N-EICOSANE	12.928	5860583	48.247 ug/ml
8) N-DOCOSANE	14.131	5675088	47.399 ug/ml
10) N-TETRACOSANE	15.238	5567818	46.626 ug/ml
11) N-HEXACOSANE	16.262	5418602	46.175 ug/ml
12) N-OCTACOSANE	17.215	5317231	45.936 ug/ml
13) N-TRIACONTANE	18.103	5321100	45.800 ug/ml
14) N-DOTRIACONTANE	18.939	5245894	45.469 ug/ml
15) N-TETRATRIACONTANE	19.725	4854864	45.205 ug/ml
16) N-HEXATRIACONTANE	20.465	4351591	45.392 ug/ml
17) N-OCTATRIACONTANE	21.212	4165115	46.670 ug/ml
18) N-TETRACONTANE	22.145	4142677	50.497 ug/ml

(f)=RT Delta > 1/2 Window

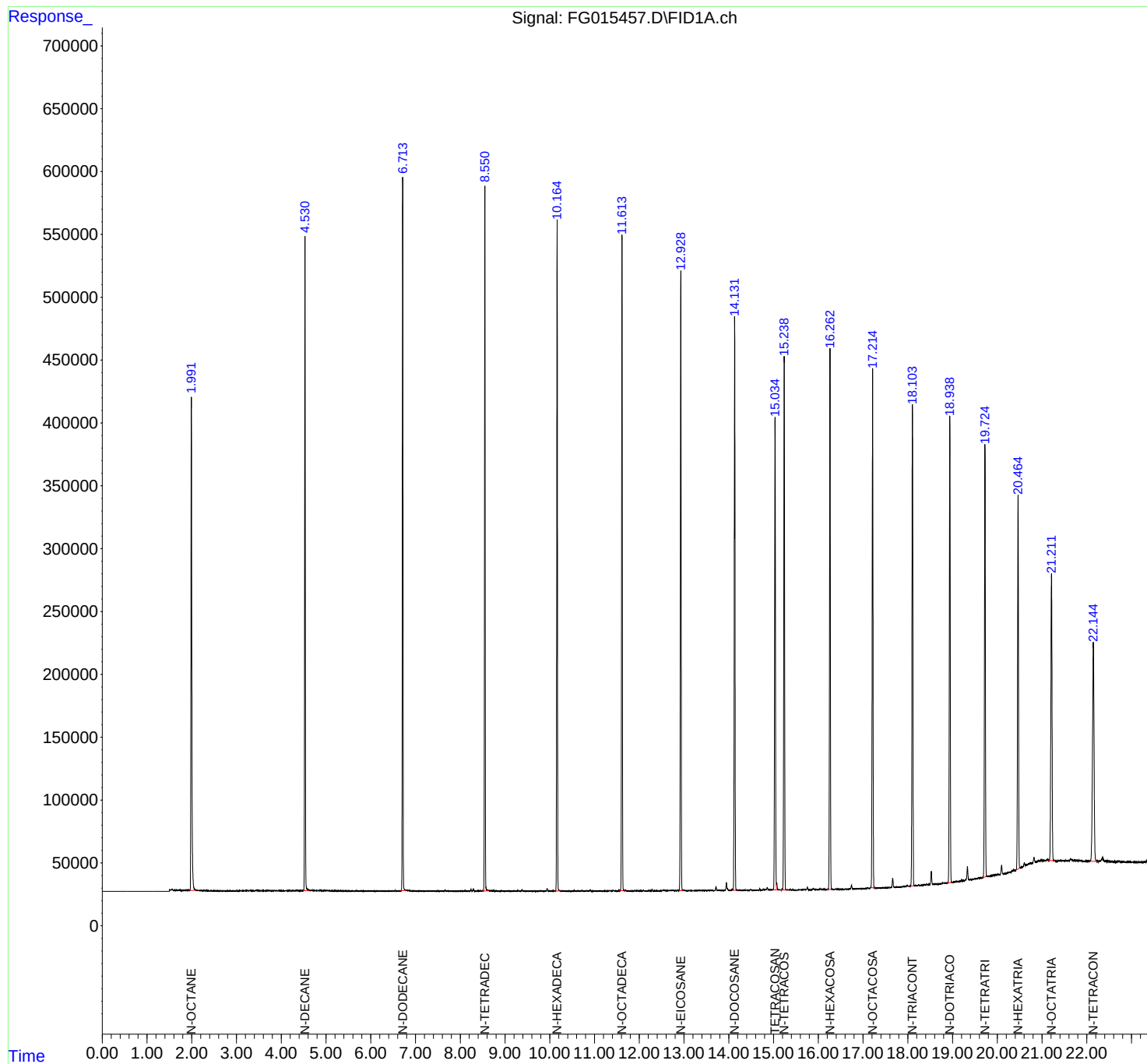
(m)=manual int.

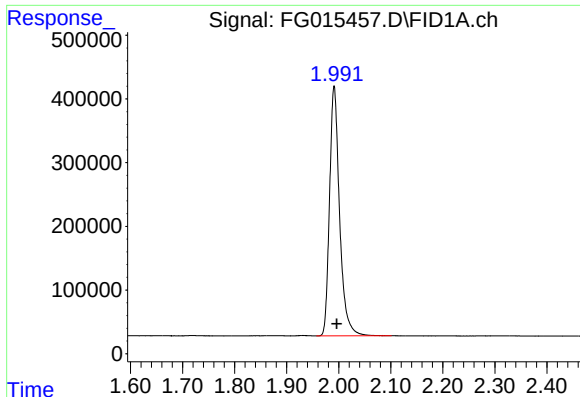
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

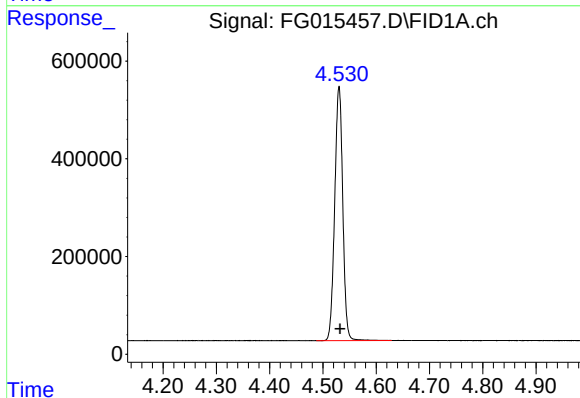




#1 N-OCTANE

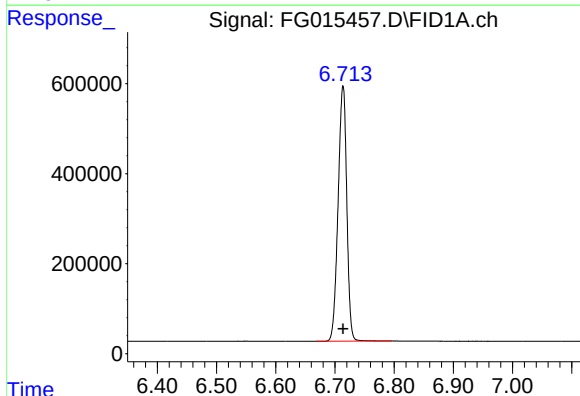
R.T.: 1.991 min
Delta R.T.: -0.005 min
Response: 5252506
Conc: 47.78 ug/ml

Instrument :
FID_G
ClientSampleId :



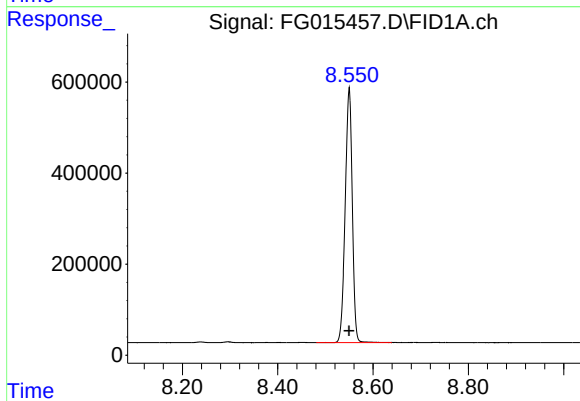
#2 N-DECANE

R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 5471566
Conc: 49.17 ug/ml



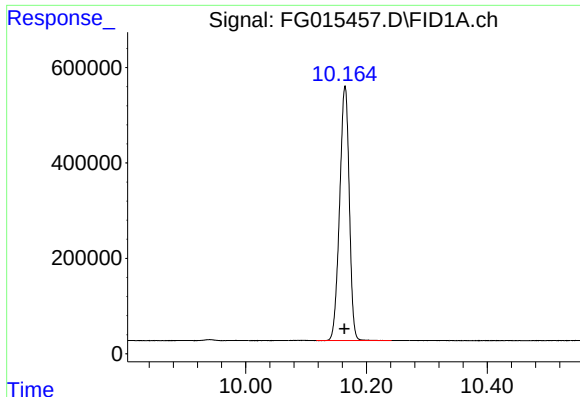
#3 N-DODECANE

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 5777683
Conc: 49.71 ug/ml



#4 N-TETRADECANE

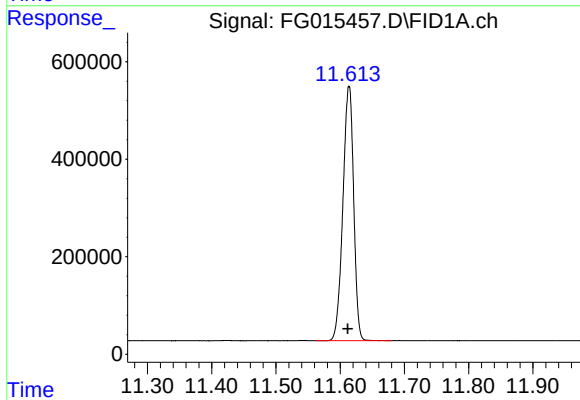
R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 5760790
Conc: 49.99 ug/ml



#5 N-HEXADECANE

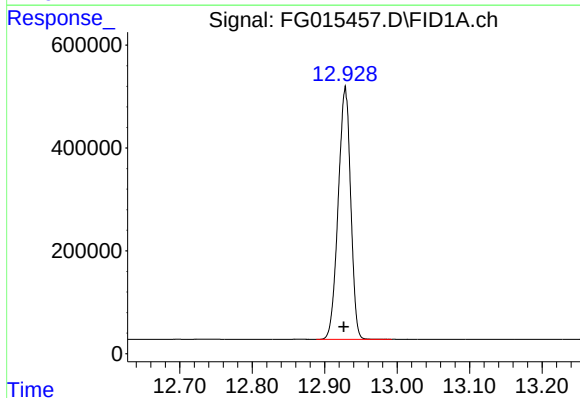
R.T.: 10.165 min
Delta R.T.: 0.001 min
Response: 5912028
Conc: 49.81 ug/ml

Instrument :
FID_G
ClientSampleId :



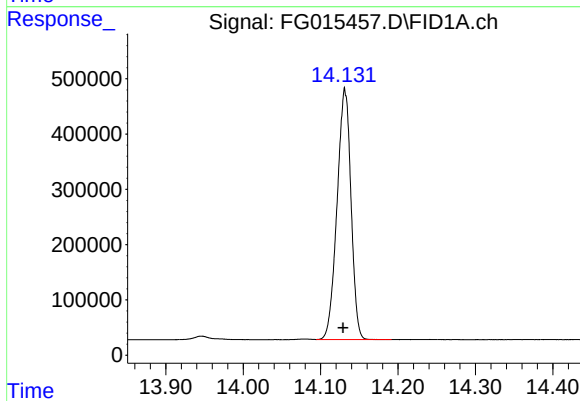
#6 N-OCTADECANE

R.T.: 11.614 min
Delta R.T.: 0.002 min
Response: 6075396
Conc: 49.06 ug/ml



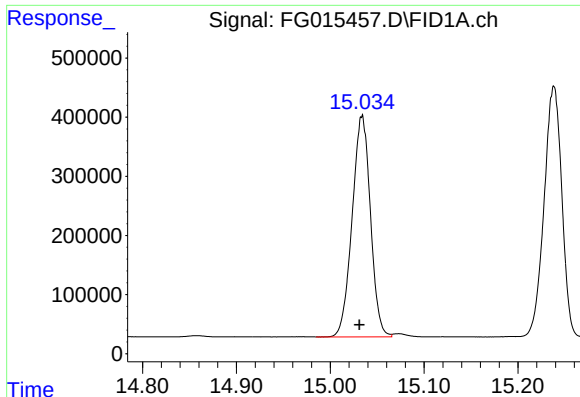
#7 N-EICOSANE

R.T.: 12.928 min
Delta R.T.: 0.002 min
Response: 5860583
Conc: 48.25 ug/ml



#8 N-DOCOSANE

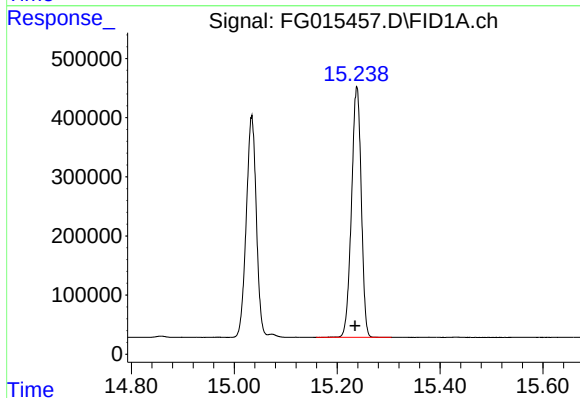
R.T.: 14.131 min
Delta R.T.: 0.003 min
Response: 5675088
Conc: 47.40 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

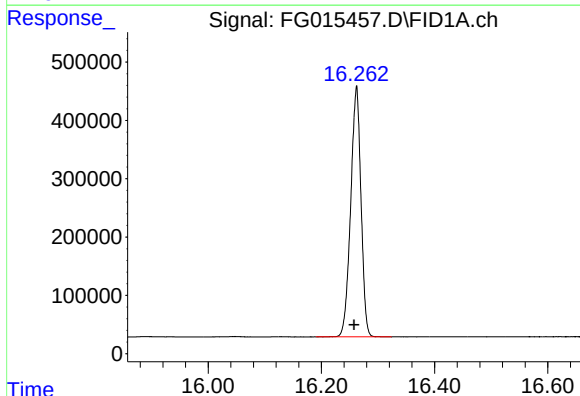
R.T.: 15.034 min
Delta R.T.: 0.003 min
Response: 5071746
Conc: 46.58 ug/ml

Instrument :
FID_G
ClientSampleId :



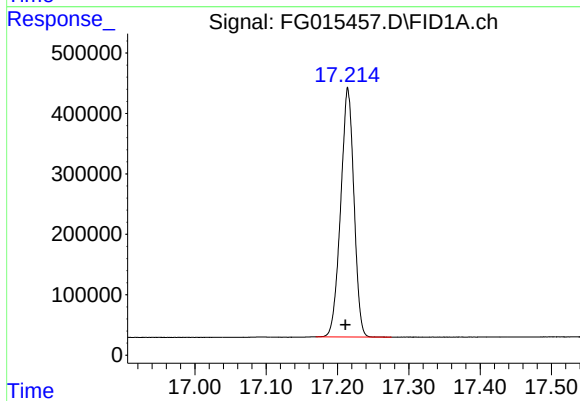
#10 N-TETRACOSANE

R.T.: 15.238 min
Delta R.T.: 0.004 min
Response: 5567818
Conc: 46.63 ug/ml



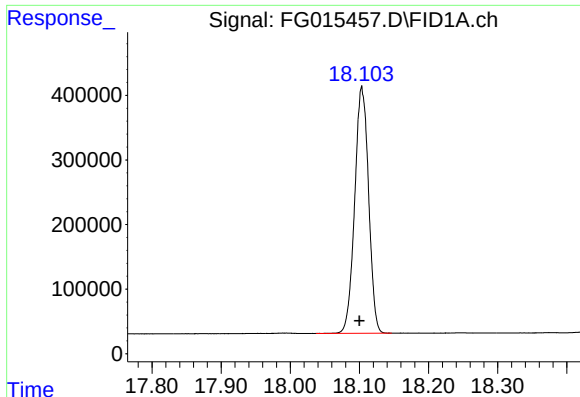
#11 N-HEXACOSANE

R.T.: 16.262 min
Delta R.T.: 0.004 min
Response: 5418602
Conc: 46.17 ug/ml



#12 N-OCTACOSANE

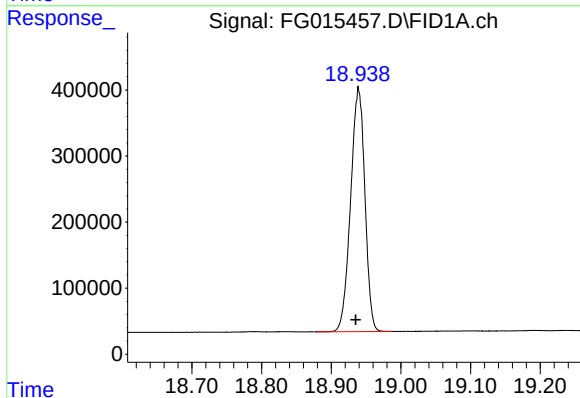
R.T.: 17.215 min
Delta R.T.: 0.003 min
Response: 5317231
Conc: 45.94 ug/ml



#13 N-TRIACONTANE

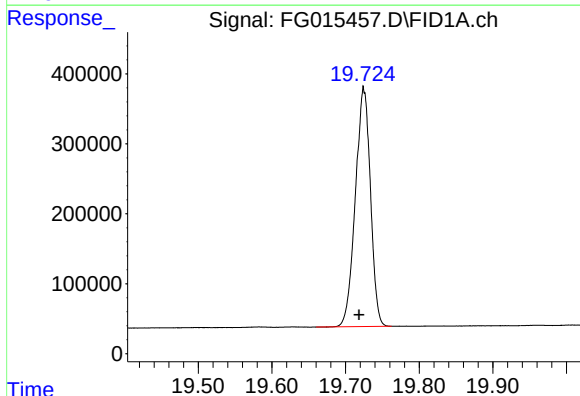
R.T.: 18.103 min
Delta R.T.: 0.003 min
Response: 5321100
Conc: 45.80 ug/ml

Instrument :
FID_G
ClientSampleId :



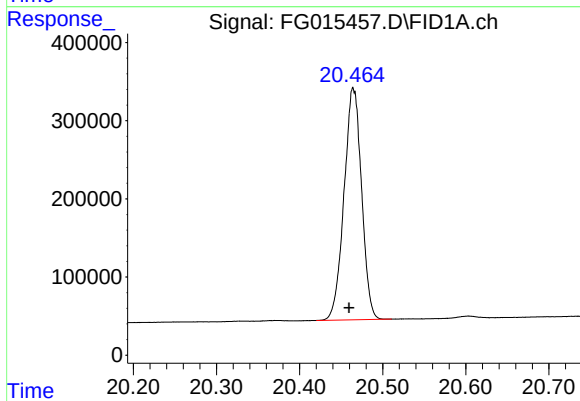
#14 N-DOTRIACONTANE

R.T.: 18.939 min
Delta R.T.: 0.004 min
Response: 5245894
Conc: 45.47 ug/ml



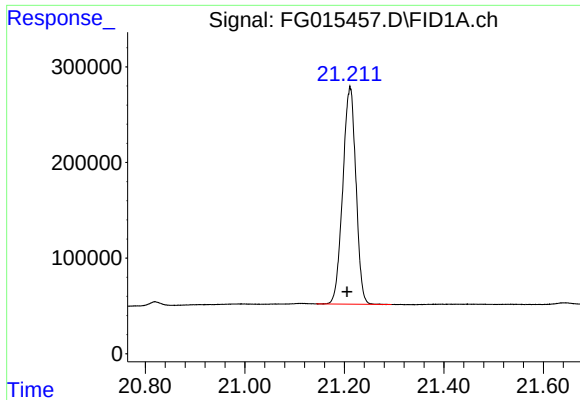
#15 N-TETRATRIACONTANE

R.T.: 19.725 min
Delta R.T.: 0.006 min
Response: 4854864
Conc: 45.21 ug/ml



#16 N-HEXATRIACONTANE

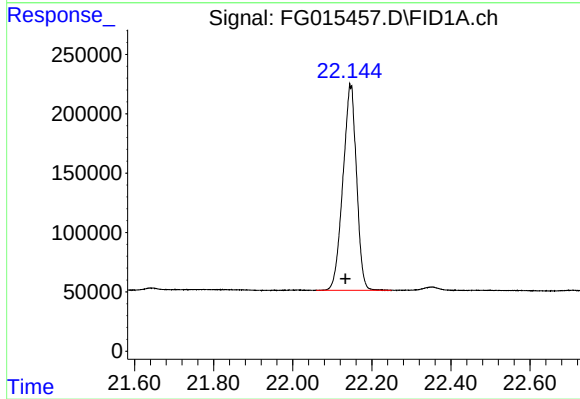
R.T.: 20.465 min
Delta R.T.: 0.005 min
Response: 4351591
Conc: 45.39 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.212 min
Delta R.T.: 0.007 min
Response: 4165115
Conc: 46.67 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.145 min
Delta R.T.: 0.011 min
Response: 4142677
Conc: 50.50 ug/ml