

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100722\
 Data File : FE038001.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2022 13:42
 Operator : YP\AJ
 Sample : N4955-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-06-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 08 20:49:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100522.M
 Quant Title :
 QLast Update : Wed Oct 05 16:55:43 2022
 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...	14.665	2028374	15.616 ug/ml
Target Compounds			
1) N-OCTANE	1.774	90754	0.670 ug/mlm
2) N-DECANE	4.266	84327	0.630 ug/mlm
3) N-DODECANE	6.439	117358	0.839 ug/mlm
4) N-TETRADECANE	8.257	122292	0.842 ug/mlm
5) N-HEXADECANE	9.853	112052	0.747 ug/mlm
6) N-OCTADECANE	11.281	118918	0.783 ug/mlm
7) N-EICOSANE	12.583	132244	0.869 ug/mlm
8) N-DOCOSANE	13.772	117193	0.787 ug/ml
10) N-TETRACOSANE	14.870	132707	0.893 ug/ml
11) N-HEXACOSANE	15.882	118896	0.823 ug/ml
12) N-OCTACOSANE	16.826	113591	0.807 ug/ml
13) N-TRIACONTANE	17.708	132601	0.955 ug/mlm
14) N-DOTRIACONTANE	18.537	123850	0.881 ug/mlm
15) N-TETRATRIACONTANE	19.316	96981	0.691 ug/mlm
16) N-HEXATRIACONTANE	20.051	73983	0.546 ug/mlm
17) N-OCTATRIACONTANE	20.747	55072	0.404 ug/mlm
18) N-TETRACONTANE	21.513	68948	0.476 ug/mlm

(f)=RT Delta > 1/2 Window

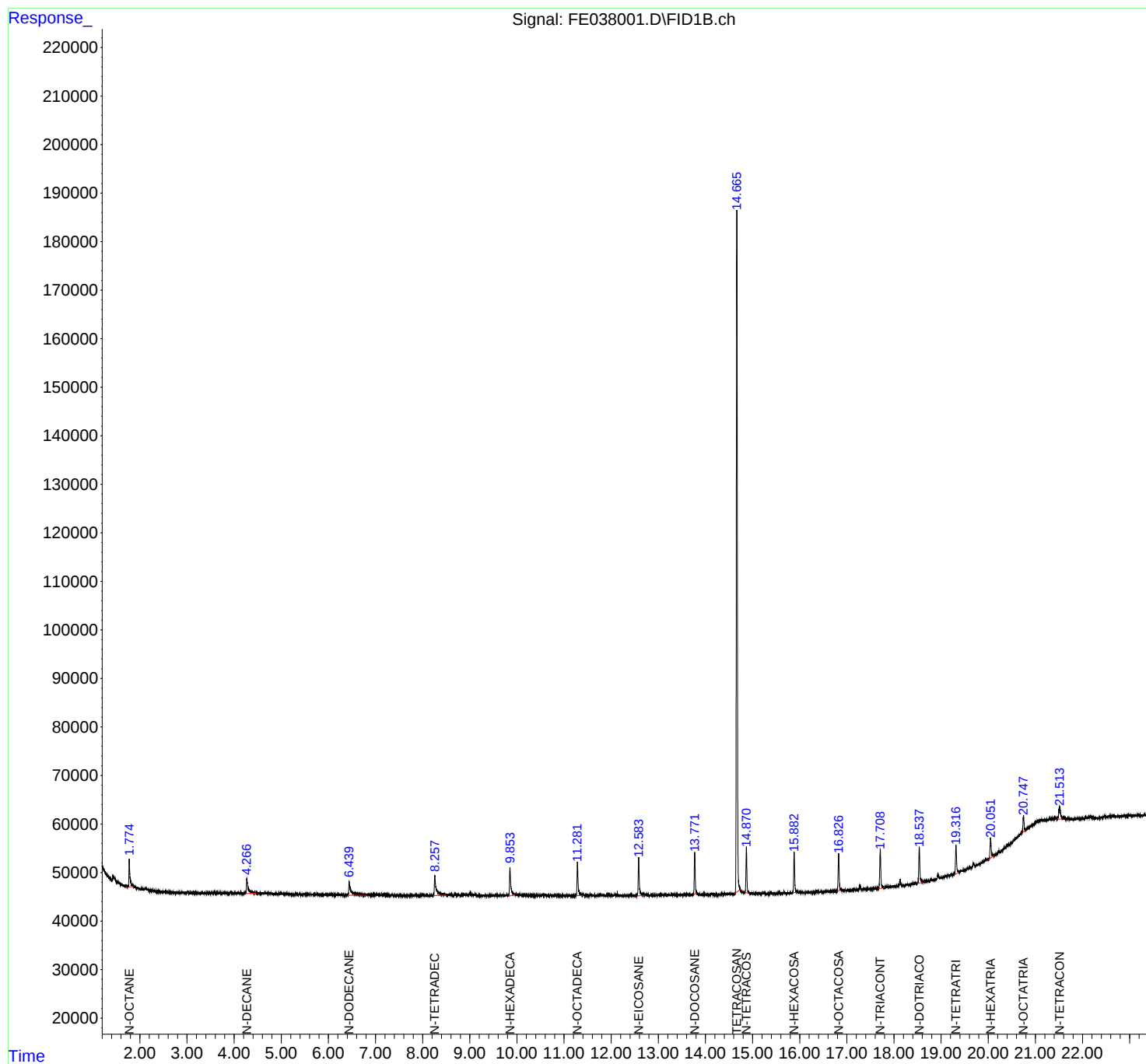
(m)=manual int.

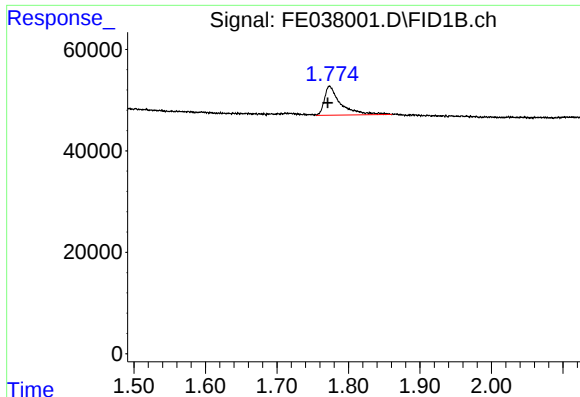
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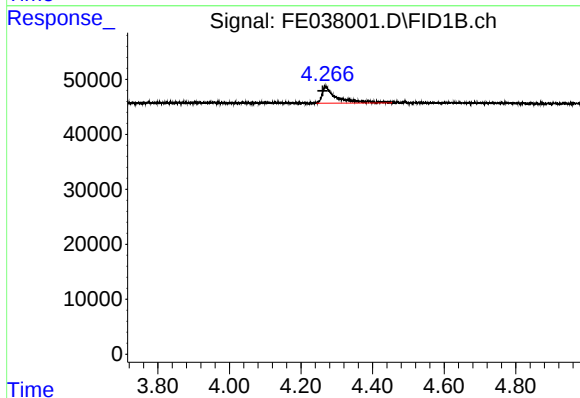




#1 N-OCTANE

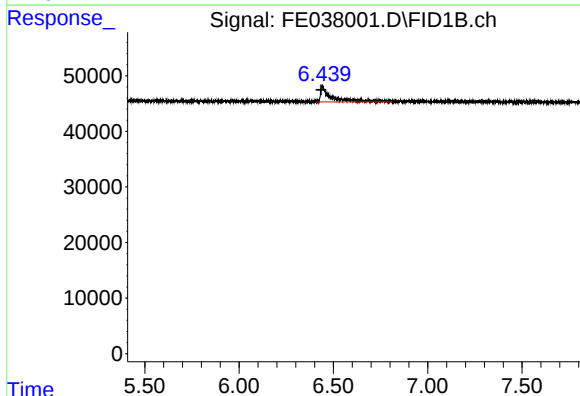
R.T.: 1.774 min
Delta R.T.: 0.003 min
Response: 90754
Conc: 0.67 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-WATER-06-QT4-2022



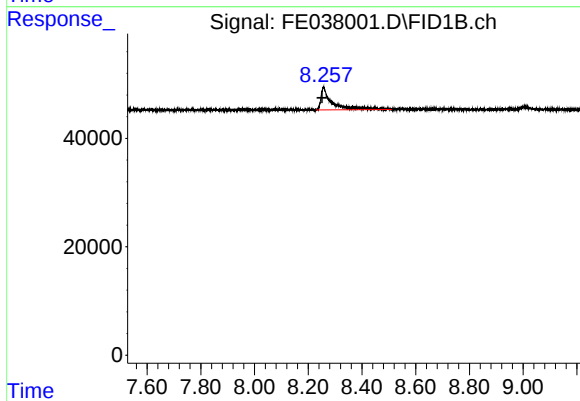
#2 N-DECANE

R.T.: 4.266 min
Delta R.T.: 0.006 min
Response: 84327
Conc: 0.63 ug/ml m



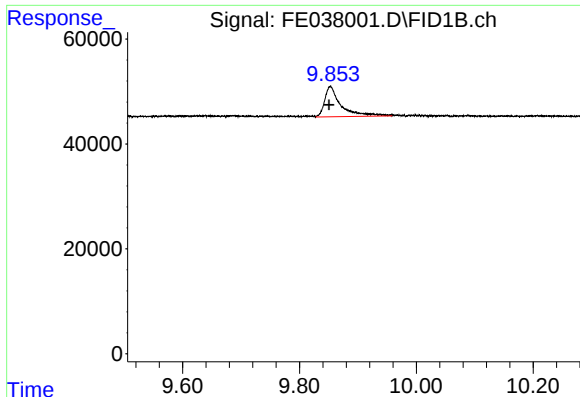
#3 N-DODECANE

R.T.: 6.439 min
Delta R.T.: 0.005 min
Response: 117358
Conc: 0.84 ug/ml m



#4 N-TETRADECANE

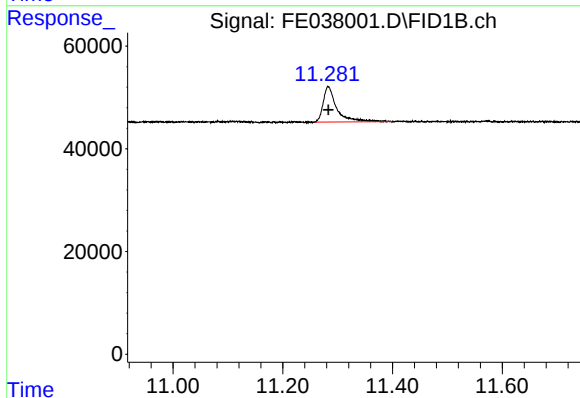
R.T.: 8.257 min
Delta R.T.: 0.005 min
Response: 122292
Conc: 0.84 ug/ml m



#5 N-HEXADECANE

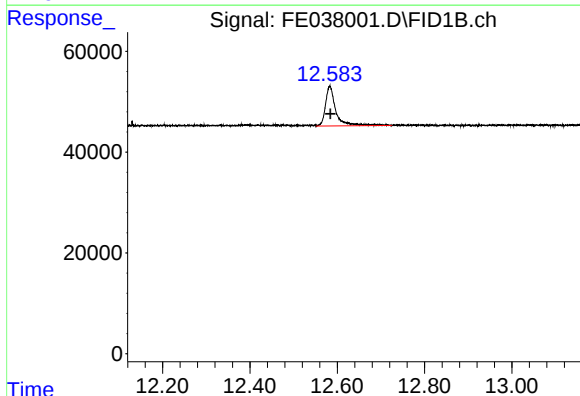
R.T.: 9.853 min
Delta R.T.: 0.003 min
Response: 112052
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-WATER-06-QT4-2022



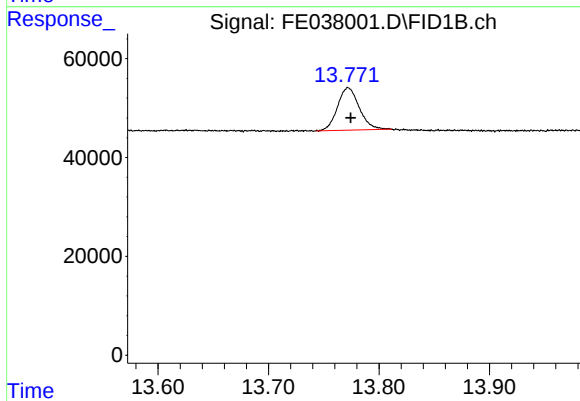
#6 N-OCTADECANE

R.T.: 11.281 min
Delta R.T.: -0.002 min
Response: 118918
Conc: 0.78 ug/ml m



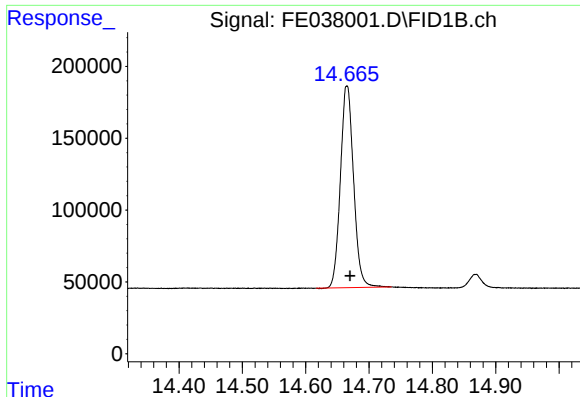
#7 N-EICOSANE

R.T.: 12.583 min
Delta R.T.: -0.002 min
Response: 132244
Conc: 0.87 ug/ml m



#8 N-DOCOSANE

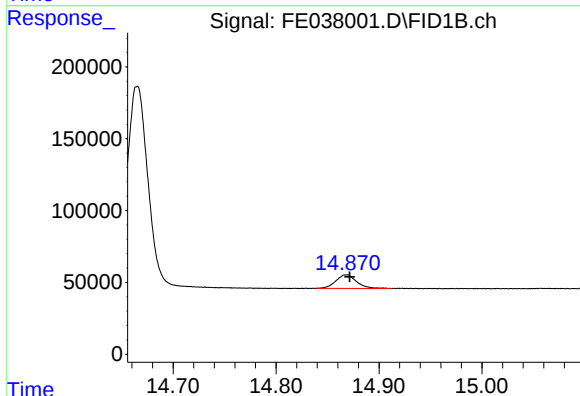
R.T.: 13.772 min
Delta R.T.: -0.003 min
Response: 117193
Conc: 0.79 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

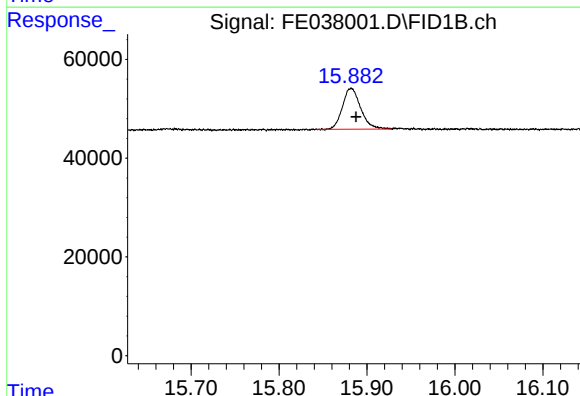
R.T.: 14.665 min
Delta R.T.: -0.005 min
Response: 2028374
Conc: 15.62 ug/ml

Instrument :
FID_E
ClientSampleId :
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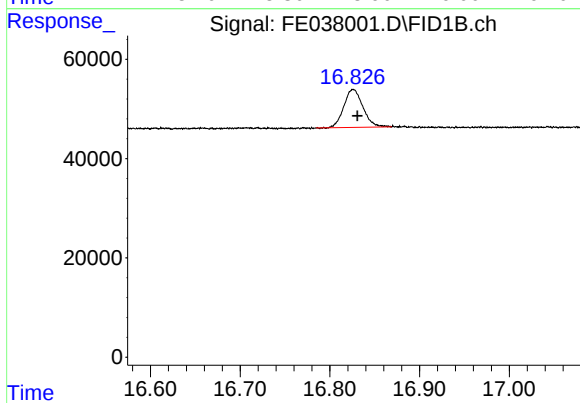
#10 N-TETRACOSANE

R.T.: 14.870 min
Delta R.T.: -0.002 min
Response: 132707
Conc: 0.89 ug/ml



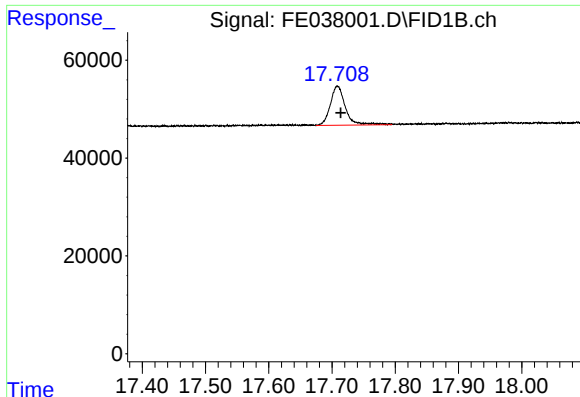
#11 N-HEXACOSANE

R.T.: 15.882 min
Delta R.T.: -0.005 min
Response: 118896
Conc: 0.82 ug/ml



#12 N-OCTACOSANE

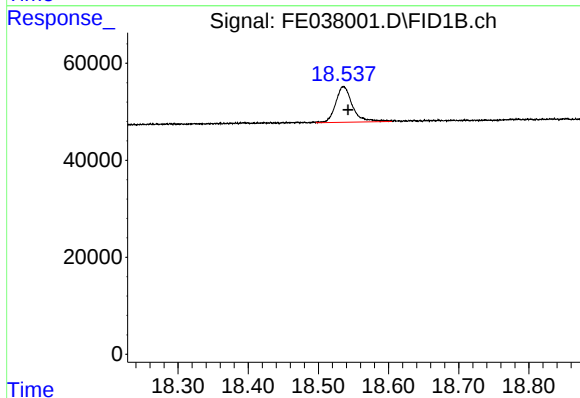
R.T.: 16.826 min
Delta R.T.: -0.005 min
Response: 113591
Conc: 0.81 ug/ml



#13 N-TRIACONTANE

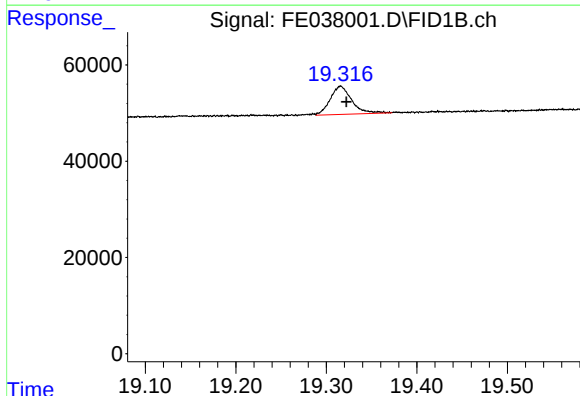
R.T.: 17.708 min
Delta R.T.: -0.006 min
Response: 132601
Conc: 0.96 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-WATER-06-QT4-2022



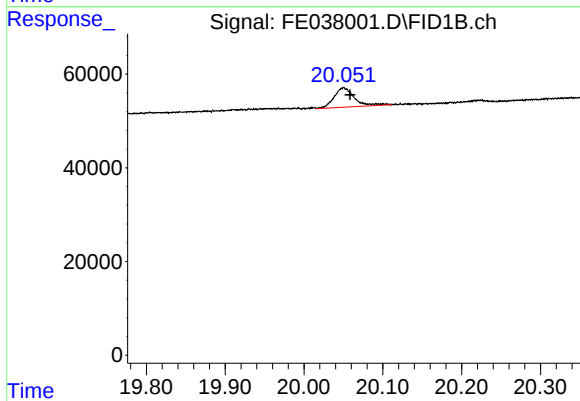
#14 N-DOTRIACONTANE

R.T.: 18.537 min
Delta R.T.: -0.006 min
Response: 123850
Conc: 0.88 ug/ml m



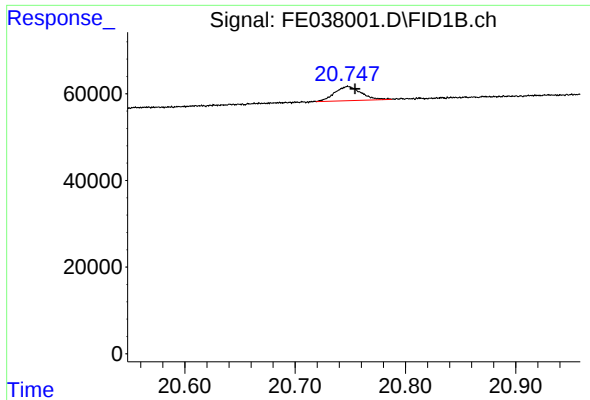
#15 N-TETRATRIACONTANE

R.T.: 19.316 min
Delta R.T.: -0.006 min
Response: 96981
Conc: 0.69 ug/ml m



#16 N-HEXATRIACONTANE

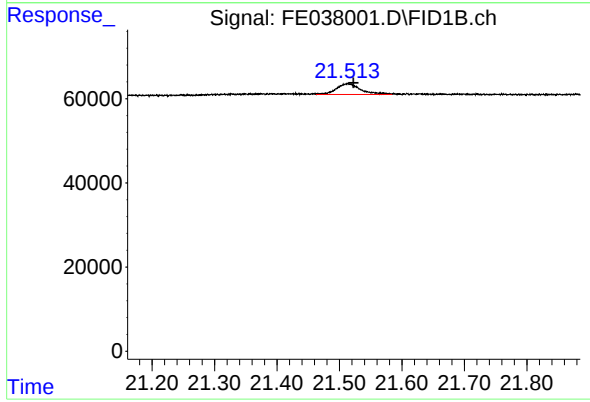
R.T.: 20.051 min
Delta R.T.: -0.008 min
Response: 73983
Conc: 0.55 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.747 min
Delta R.T.: -0.007 min
Response: 55072
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.513 min
Delta R.T.: -0.010 min
Response: 68948
Conc: 0.48 ug/ml m