

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083022\
 Data File : FE037325.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2022 21:40
 Operator : YP\AJ
 Sample : N3980-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-WATER-05-QT3-2022

Integration File: autoint1.e
 Quant Time: Aug 31 13:25:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE082922.M
 Quant Title :
 QLast Update : Mon Aug 29 16:06:19 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...	14.710	2648877	18.489 ug/ml
Target Compounds			
1) N-OCTANE	1.801	616040	4.055 ug/ml
2) N-DECANE	4.301	581403	3.691 ug/ml
3) N-DODECANE	6.472	561889	3.453 ug/ml
4) N-TETRADECANE	8.290	621417	3.707 ug/ml
5) N-HEXADECANE	9.888	618038	3.629 ug/ml
6) N-OCTADECANE	11.322	619081	3.604 ug/ml
7) N-EICOSANE	12.623	641793	3.770 ug/ml
8) N-DOCOSANE	13.815	684076	4.131 ug/ml
10) N-TETRACOSANE	14.911	692916	4.230 ug/ml
11) N-HEXACOSANE	15.926	664765	4.185 ug/ml
12) N-OCTACOSANE	16.870	663276	4.305 ug/ml
13) N-TRIACONTANE	17.752	659467	4.343 ug/ml
14) N-DOTRIACONTANE	18.580	623945	4.172 ug/ml
15) N-TETRATRIACONTANE	19.360	528494	3.634 ug/ml
16) N-HEXATRIACONTANE	20.094	463866	3.394 ug/ml
17) N-OCTATRIACONTANE	20.794	465760	3.495 ug/ml
18) N-TETRACONTANE	21.573	473529	3.439 ug/ml

(f)=RT Delta > 1/2 Window

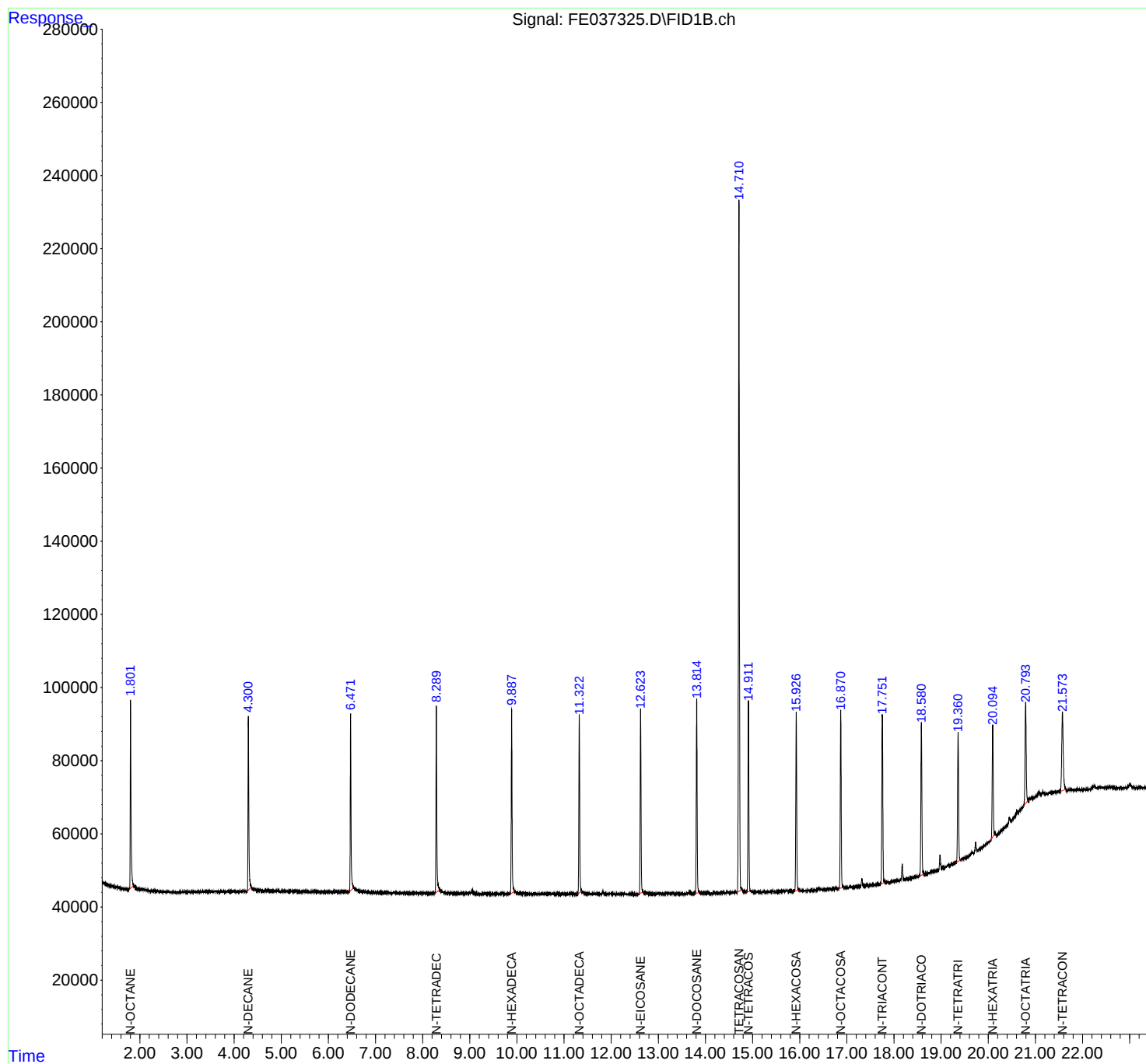
(m)=manual int.

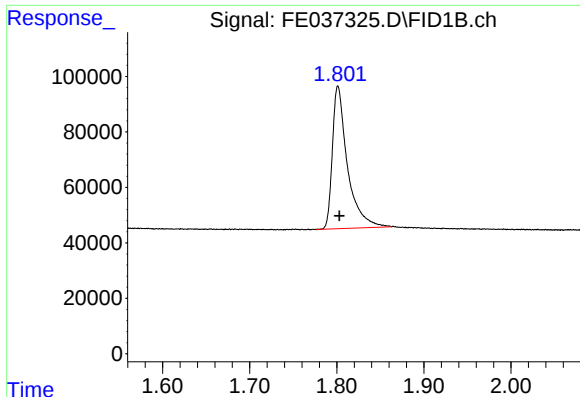
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Signal Info : 20mx0.18mmx0.18um

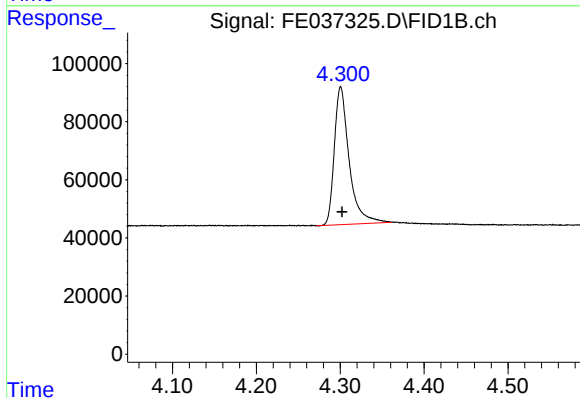




#1 N-OCTANE

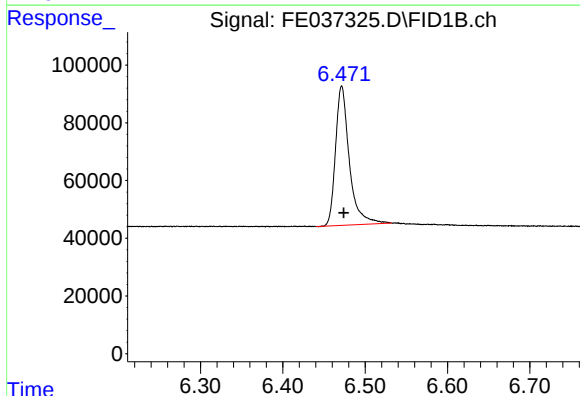
R.T.: 1.801 min
Delta R.T.: -0.002 min
Response: 616040
Conc: 4.06 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-05-QT3-2022



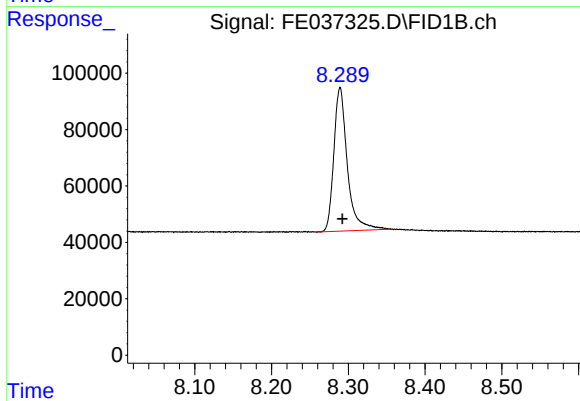
#2 N-DECANE

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 581403
Conc: 3.69 ug/ml



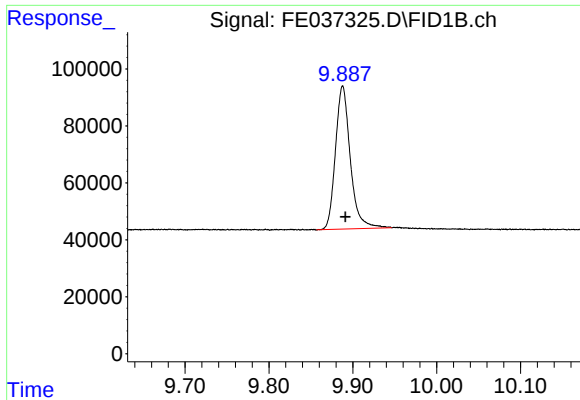
#3 N-DODECANE

R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 561889
Conc: 3.45 ug/ml



#4 N-TETRADECANE

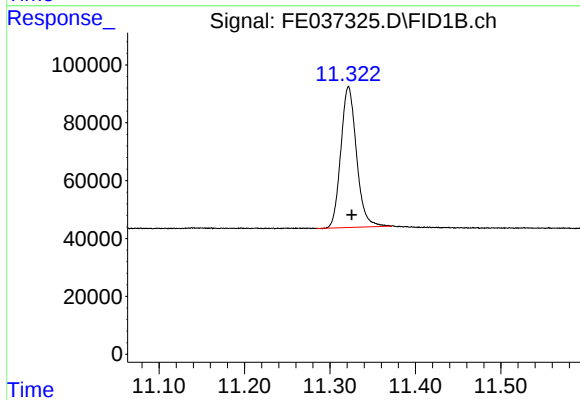
R.T.: 8.290 min
Delta R.T.: -0.003 min
Response: 621417
Conc: 3.71 ug/ml



#5 N-HEXADECANE

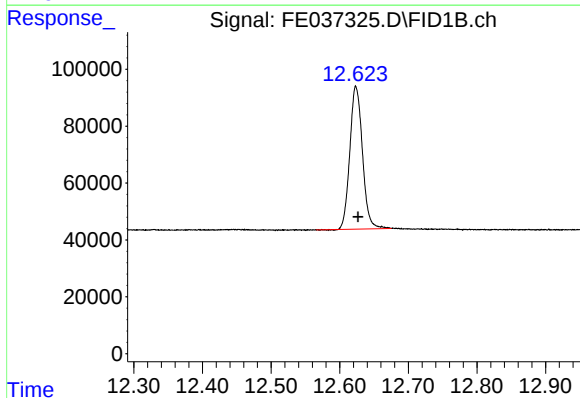
R.T.: 9.888 min
Delta R.T.: -0.003 min
Response: 618038
Conc: 3.63 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-05-QT3-2022



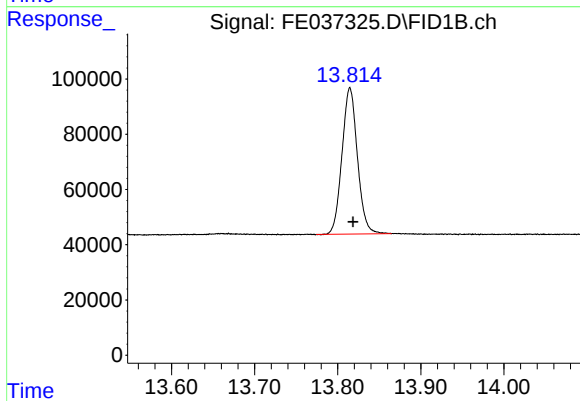
#6 N-OCTADECANE

R.T.: 11.322 min
Delta R.T.: -0.003 min
Response: 619081
Conc: 3.60 ug/ml



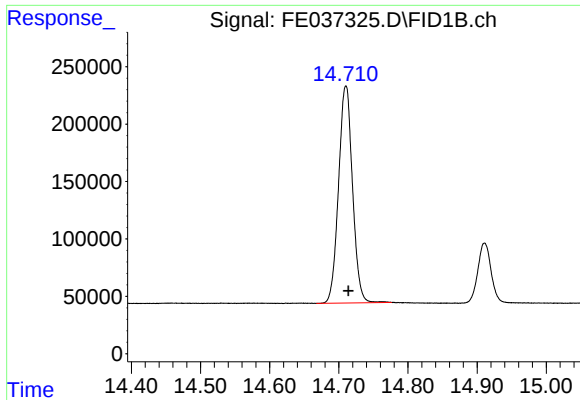
#7 N-EICOSANE

R.T.: 12.623 min
Delta R.T.: -0.004 min
Response: 641793
Conc: 3.77 ug/ml



#8 N-DOCOSANE

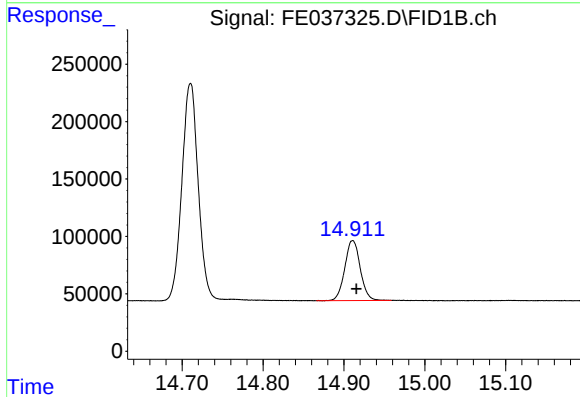
R.T.: 13.815 min
Delta R.T.: -0.004 min
Response: 684076
Conc: 4.13 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

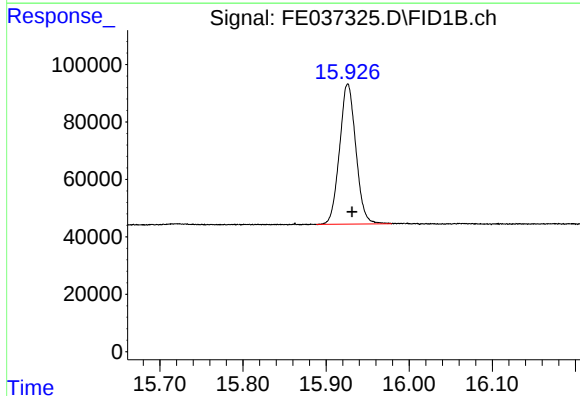
R.T.: 14.710 min
Delta R.T.: -0.003 min
Response: 2648877
Conc: 18.49 ug/ml

Instrument :
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ClientSampleId :
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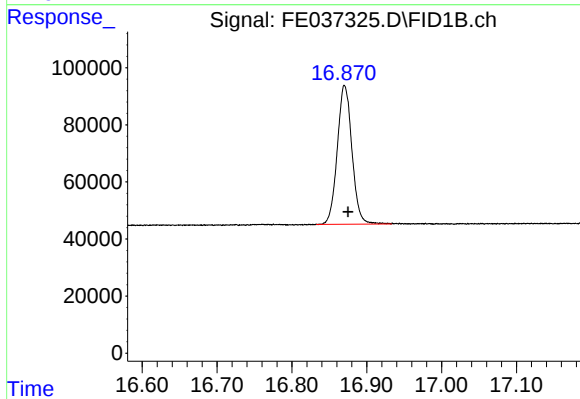
#10 N-TETRACOSANE

R.T.: 14.911 min
Delta R.T.: -0.004 min
Response: 692916
Conc: 4.23 ug/ml



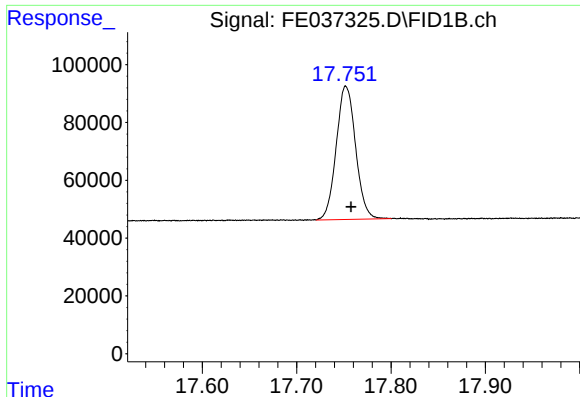
#11 N-HEXACOSANE

R.T.: 15.926 min
Delta R.T.: -0.005 min
Response: 664765
Conc: 4.18 ug/ml



#12 N-OCTACOSANE

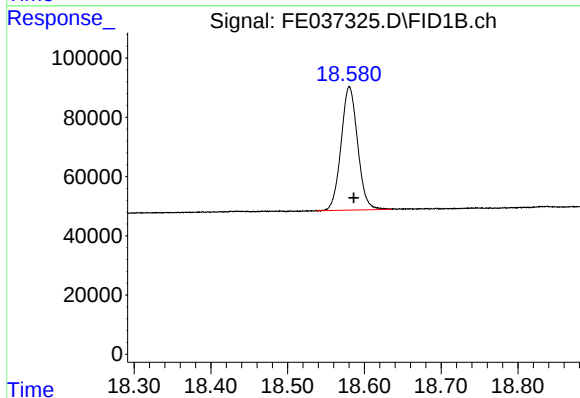
R.T.: 16.870 min
Delta R.T.: -0.005 min
Response: 663276
Conc: 4.31 ug/ml



#13 N-TRIACONTANE

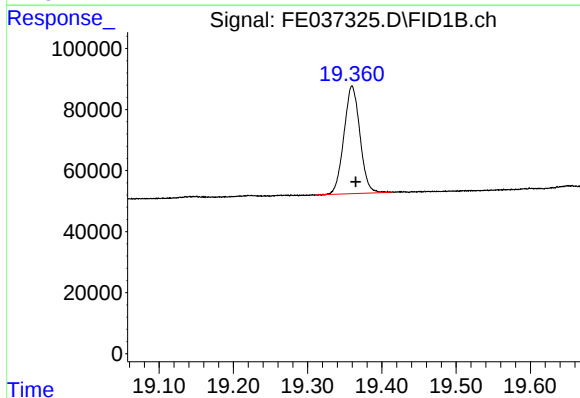
R.T.: 17.752 min
Delta R.T.: -0.006 min
Response: 659467
Conc: 4.34 ug/ml

Instrument :
FID_E
ClientSampleId :
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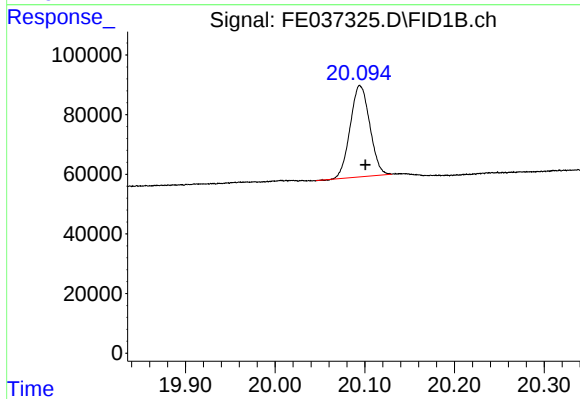
#14 N-DOTRIACONTANE

R.T.: 18.580 min
Delta R.T.: -0.006 min
Response: 623945
Conc: 4.17 ug/ml



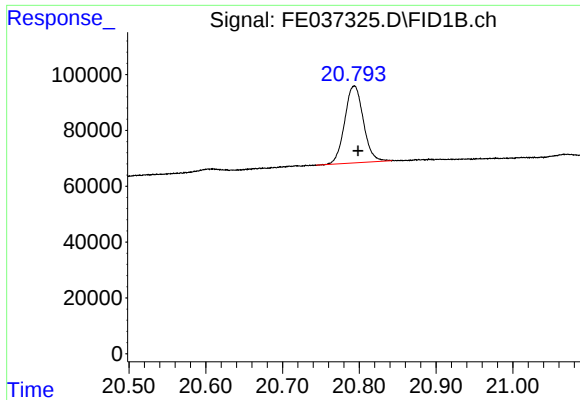
#15 N-TETRATRIACONTANE

R.T.: 19.360 min
Delta R.T.: -0.005 min
Response: 528494
Conc: 3.63 ug/ml



#16 N-HEXATRIACONTANE

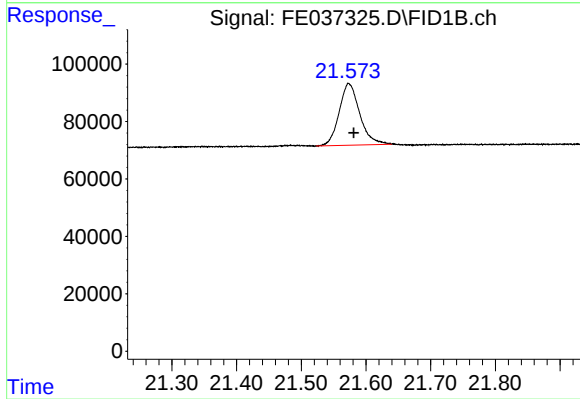
R.T.: 20.094 min
Delta R.T.: -0.006 min
Response: 463866
Conc: 3.39 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.794 min
Delta R.T.: -0.005 min
Response: 465760
Conc: 3.50 ug/ml

Instrument :
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ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.573 min
Delta R.T.: -0.008 min
Response: 473529
Conc: 3.44 ug/ml