

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083022\
 Data File : FE037321.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2022 19:35
 Operator : YP\AJ
 Sample : N3980-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2022

Integration File: autoint1.e
 Quant Time: Aug 31 13:25:06 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...	14.711	2036929	14.218 ug/ml
Target Compounds			
1) N-OCTANE	1.803	260901	1.717 ug/ml
2) N-DECANE	4.302	234164	1.487 ug/mlm
3) N-DODECANE	6.472	228631	1.405 ug/mlm
4) N-TETRADECANE	8.291	259356	1.547 ug/mlm
5) N-HEXADECANE	9.889	248516	1.459 ug/mlm
6) N-OCTADECANE	11.323	233841	1.361 ug/ml
7) N-EICOSANE	12.624	265180	1.558 ug/mlm
8) N-DOCOSANE	13.816	268914	1.624 ug/ml
10) N-TETRACOSANE	14.912	282069	1.722 ug/ml
11) N-HEXACOSANE	15.927	264415	1.664 ug/ml
12) N-OCTACOSANE	16.872	263093	1.708 ug/ml
13) N-TRIACONTANE	17.755	271633	1.789 ug/ml
14) N-DOTRIACONTANE	18.581	260074	1.739 ug/ml
15) N-TETRATRIACONTANE	19.361	219512	1.509 ug/ml
16) N-HEXATRIACONTANE	20.097	186977	1.368 ug/ml
17) N-OCTATRIACONTANE	20.795	185925	1.395 ug/ml
18) N-TETRACONTANE	21.573	200764	1.458 ug/mlm

(f)=RT Delta > 1/2 Window

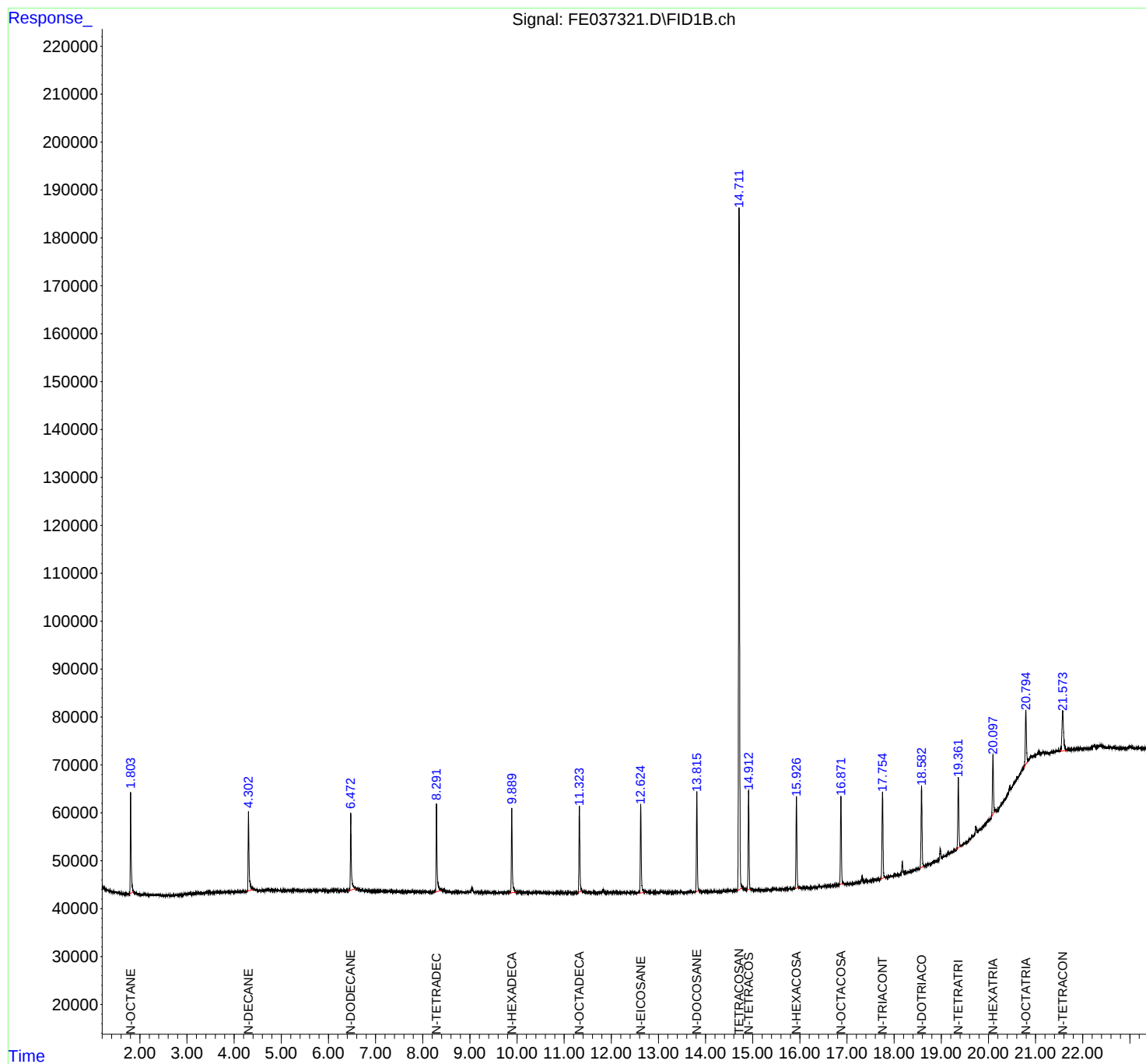
(m)=manual int.

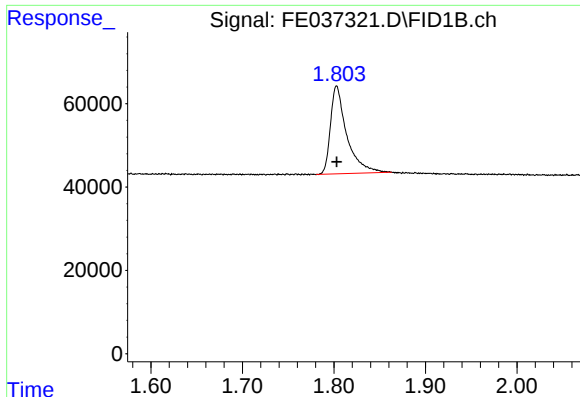
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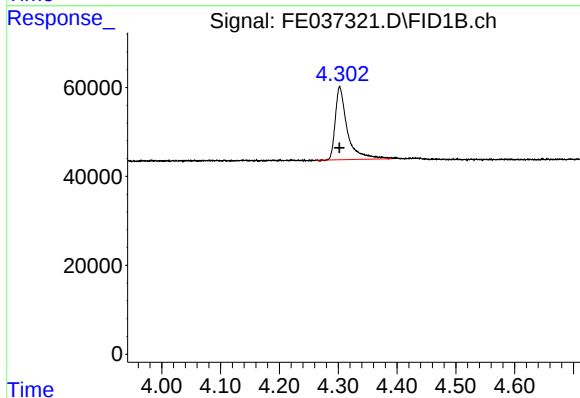




#1 N-OCTANE

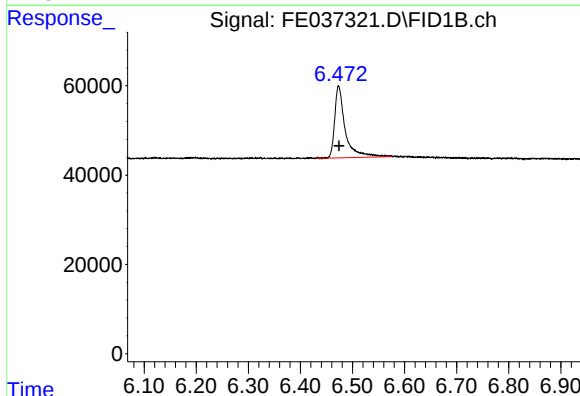
R.T.: 1.803 min
Delta R.T.: 0.000 min
Response: 260901
Conc: 1.72 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2022



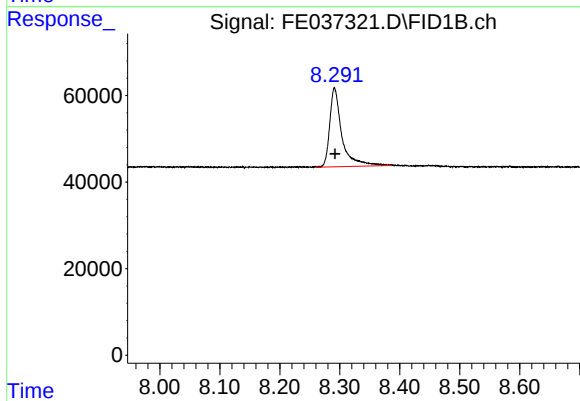
#2 N-DECANE

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 234164
Conc: 1.49 ug/ml m



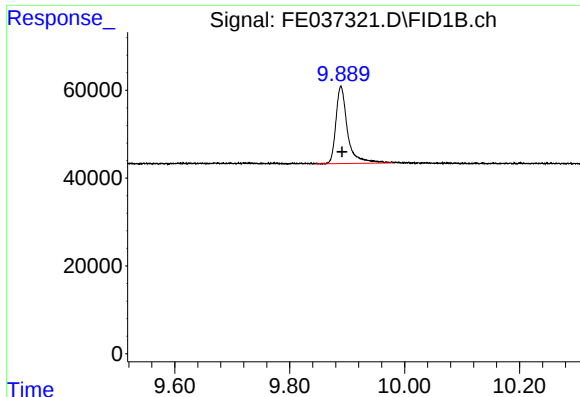
#3 N-DODECANE

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 228631
Conc: 1.41 ug/ml m



#4 N-TETRADECANE

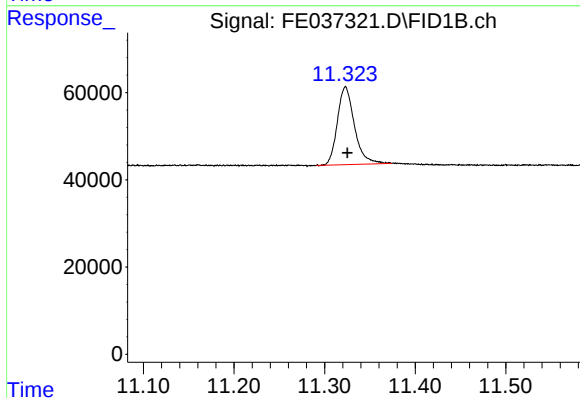
R.T.: 8.291 min
Delta R.T.: -0.002 min
Response: 259356
Conc: 1.55 ug/ml m



#5 N-HEXADECANE

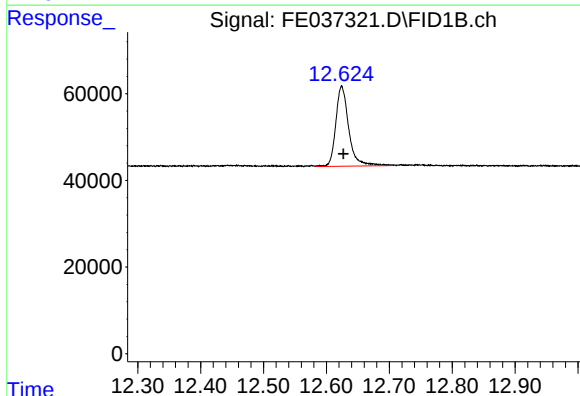
R.T.: 9.889 min
Delta R.T.: -0.002 min
Response: 248516
Conc: 1.46 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2022



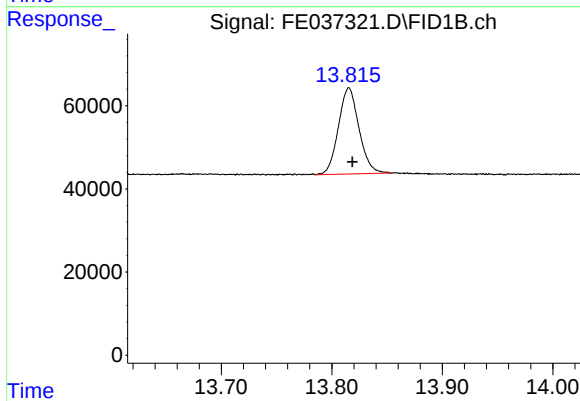
#6 N-OCTADECANE

R.T.: 11.323 min
Delta R.T.: -0.002 min
Response: 233841
Conc: 1.36 ug/ml



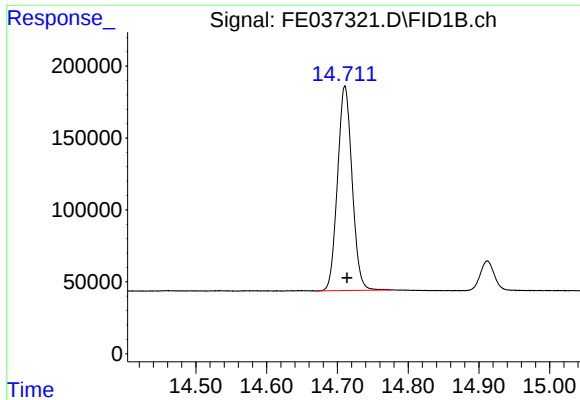
#7 N-EICOSANE

R.T.: 12.624 min
Delta R.T.: -0.003 min
Response: 265180
Conc: 1.56 ug/ml m



#8 N-DOCOSANE

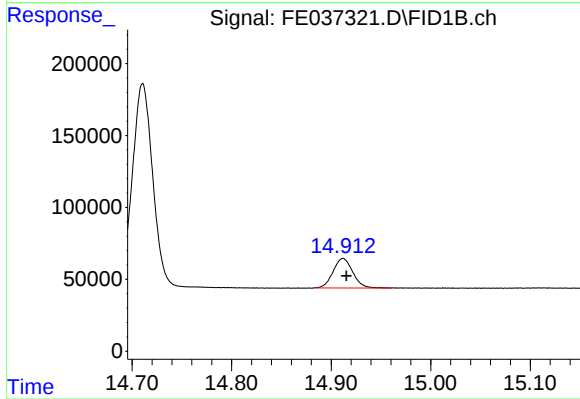
R.T.: 13.816 min
Delta R.T.: -0.003 min
Response: 268914
Conc: 1.62 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

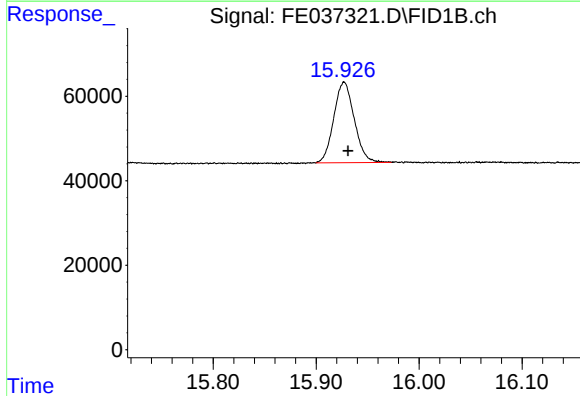
R.T.: 14.711 min
Delta R.T.: -0.003 min
Response: 2036929
Conc: 14.22 ug/ml

Instrument :
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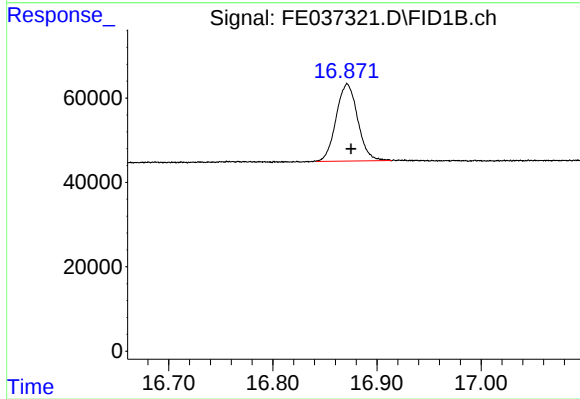
#10 N-TETRACOSANE

R.T.: 14.912 min
Delta R.T.: -0.003 min
Response: 282069
Conc: 1.72 ug/ml



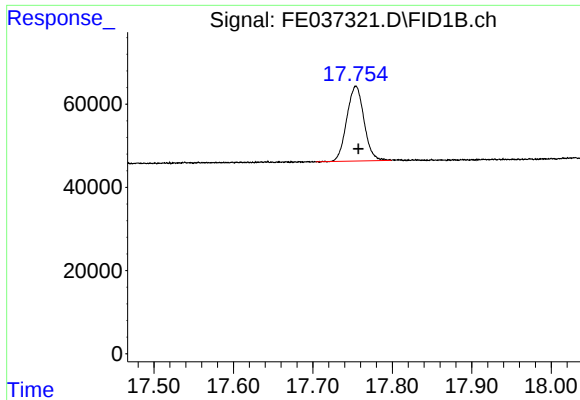
#11 N-HEXACOSANE

R.T.: 15.927 min
Delta R.T.: -0.004 min
Response: 264415
Conc: 1.66 ug/ml



#12 N-OCTACOSANE

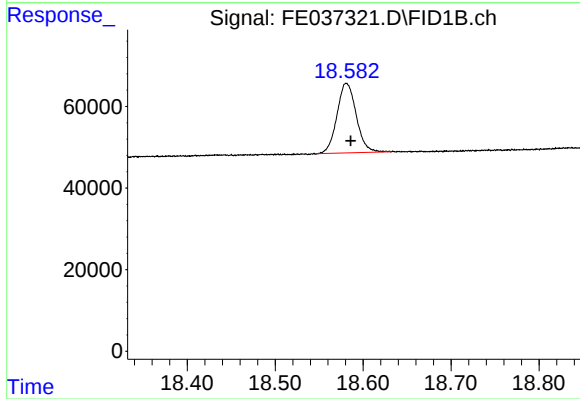
R.T.: 16.872 min
Delta R.T.: -0.004 min
Response: 263093
Conc: 1.71 ug/ml



#13 N-TRIACONTANE

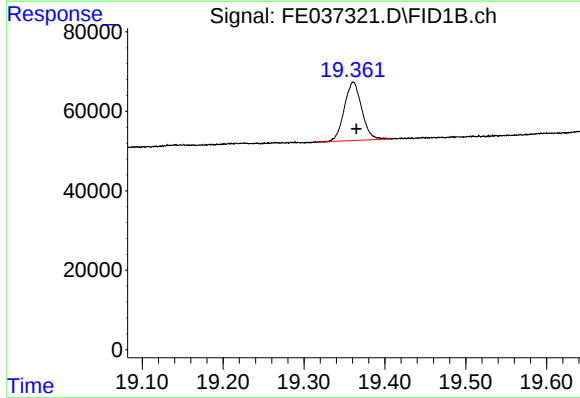
R.T.: 17.755 min
Delta R.T.: -0.003 min
Response: 271633
Conc: 1.79 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2022



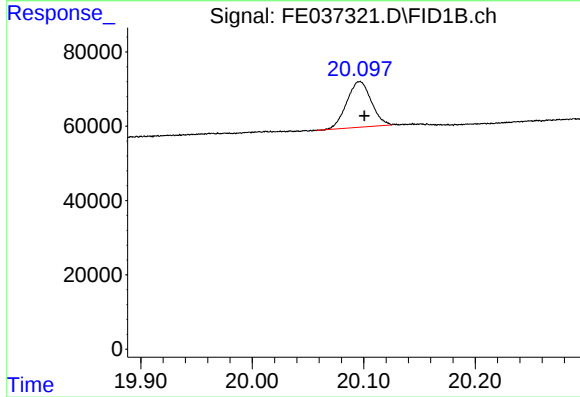
#14 N-DOTRIACONTANE

R.T.: 18.581 min
Delta R.T.: -0.005 min
Response: 260074
Conc: 1.74 ug/ml



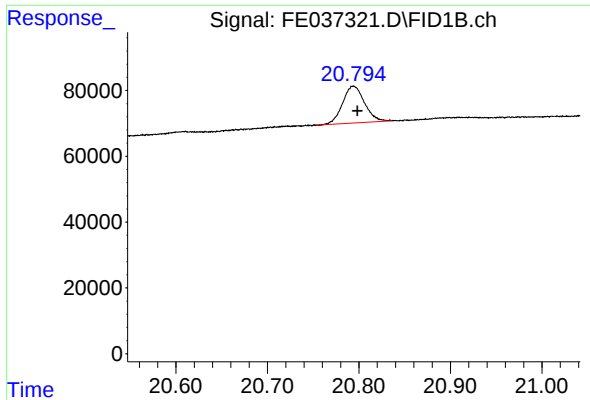
#15 N-TETRATRIACONTANE

R.T.: 19.361 min
Delta R.T.: -0.004 min
Response: 219512
Conc: 1.51 ug/ml



#16 N-HEXATRIACONTANE

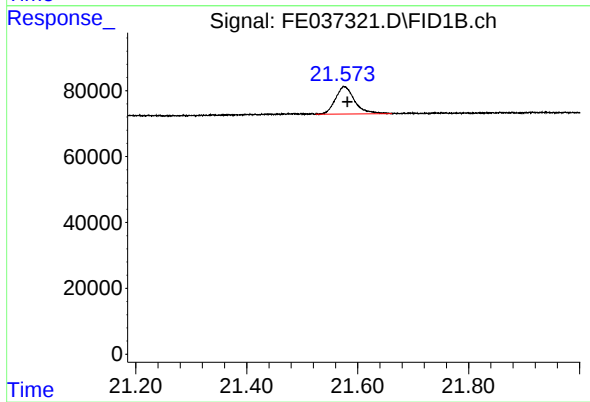
R.T.: 20.097 min
Delta R.T.: -0.003 min
Response: 186977
Conc: 1.37 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.795 min
Delta R.T.: -0.004 min
Response: 185925
Conc: 1.40 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.573 min
Delta R.T.: -0.008 min
Response: 200764
Conc: 1.46 ug/ml m