

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083022\
 Data File : FE037322.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2022 20:07
 Operator : YP\AJ
 Sample : N3980-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 10 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 31 13:25:20 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	2470102	17.242 ug/ml
Target Compounds			
1) N-OCTANE	1.801	588662	3.875 ug/ml
2) N-DECANE	4.301	553724	3.516 ug/ml
3) N-DODECANE	6.471	528970	3.251 ug/ml
4) N-TETRADECANE	8.289	571739	3.410 ug/ml
5) N-HEXADECANE	9.888	579209	3.401 ug/ml
6) N-OCTADECANE	11.323	581422	3.385 ug/ml
7) N-EICOSANE	12.624	598912	3.518 ug/ml
8) N-DOCOSANE	13.815	638186	3.854 ug/ml
10) N-TETRACOSANE	14.912	653074	3.987 ug/ml
11) N-HEXACOSANE	15.928	622164	3.917 ug/ml
12) N-OCTACOSANE	16.872	621549	4.034 ug/ml
13) N-TRIACONTANE	17.754	623551	4.106 ug/ml
14) N-DOTRIACONTANE	18.581	589203	3.940 ug/ml
15) N-TETRATRIACONTANE	19.360	500633	3.442 ug/ml
16) N-HEXATRIACONTANE	20.097	449684	3.290 ug/ml
17) N-OCTATRIACONTANE	20.794	440380	3.305 ug/ml
18) N-TETRACONTANE	21.574	444531	3.228 ug/ml

(f)=RT Delta > 1/2 Window

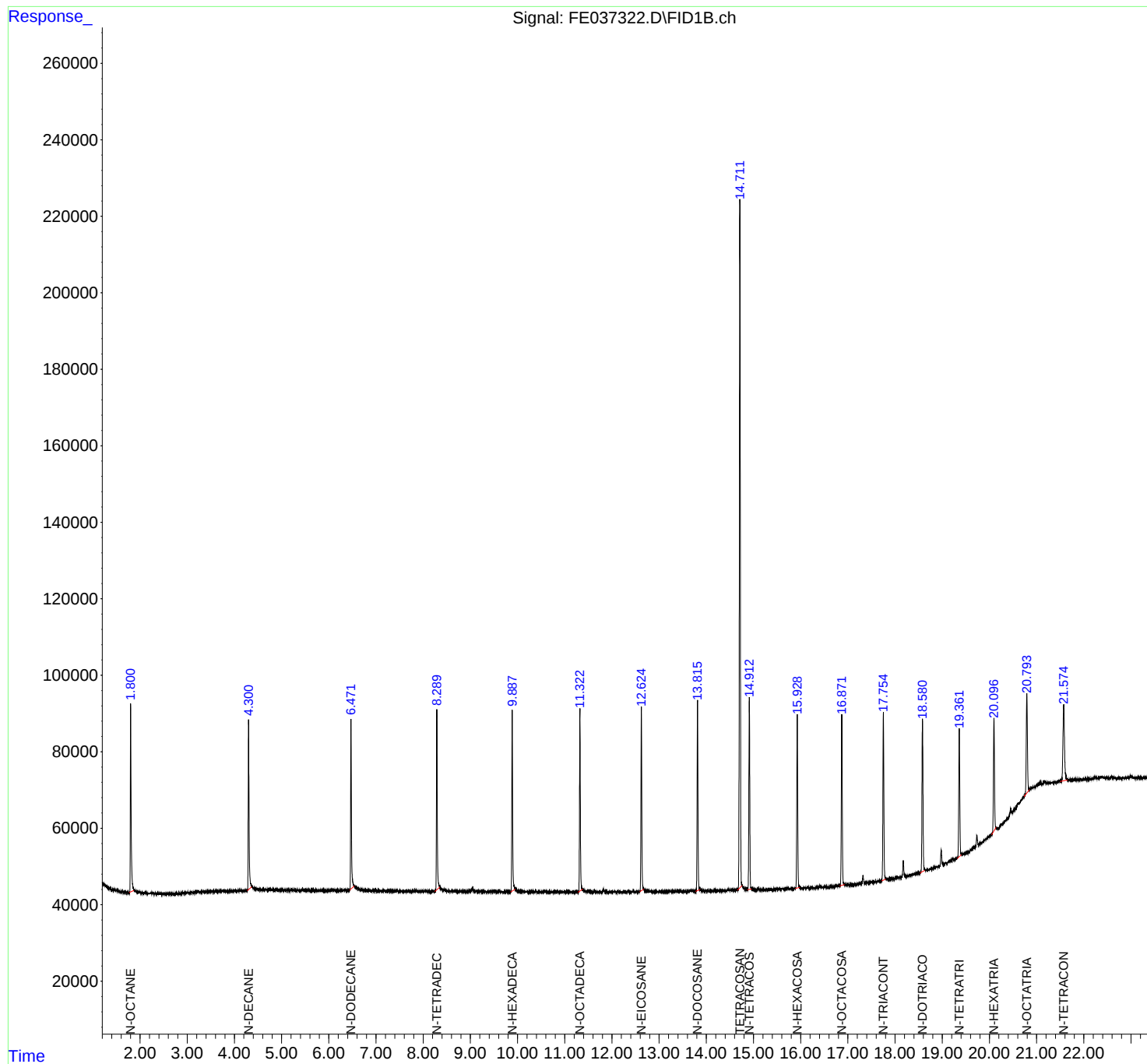
(m)=manual int.

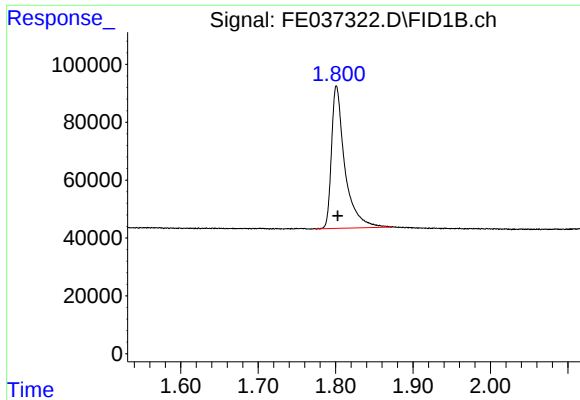
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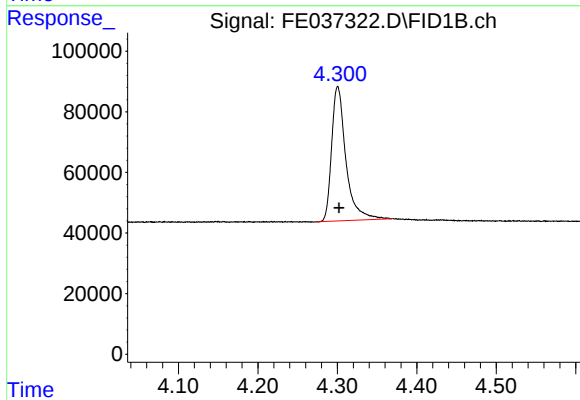




#1 N-OCTANE

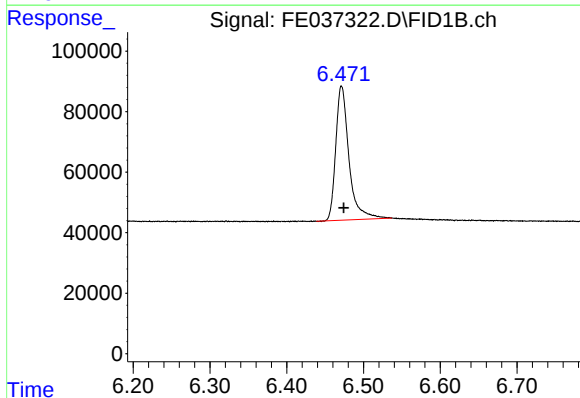
R.T.: 1.801 min
Delta R.T.: -0.002 min
Response: 588662
Conc: 3.87 ug/ml

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



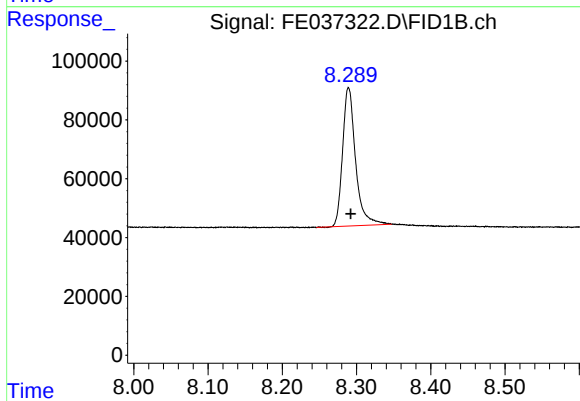
#2 N-DECANE

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 553724
Conc: 3.52 ug/ml



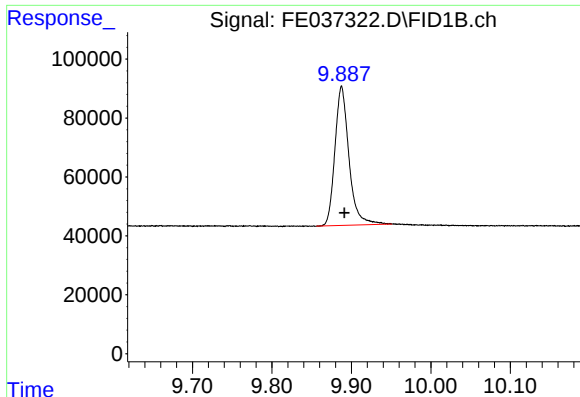
#3 N-DODECANE

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 528970
Conc: 3.25 ug/ml



#4 N-TETRADECANE

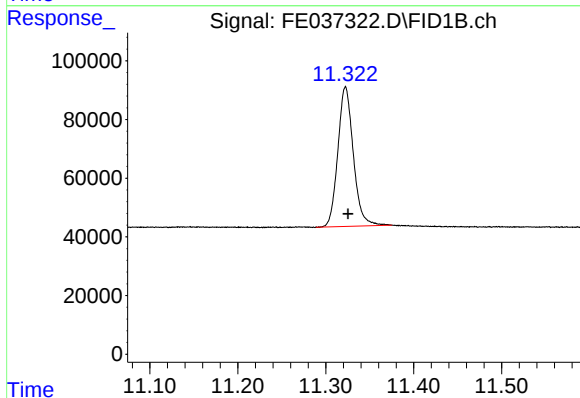
R.T.: 8.289 min
Delta R.T.: -0.003 min
Response: 571739
Conc: 3.41 ug/ml



#5 N-HEXADECANE

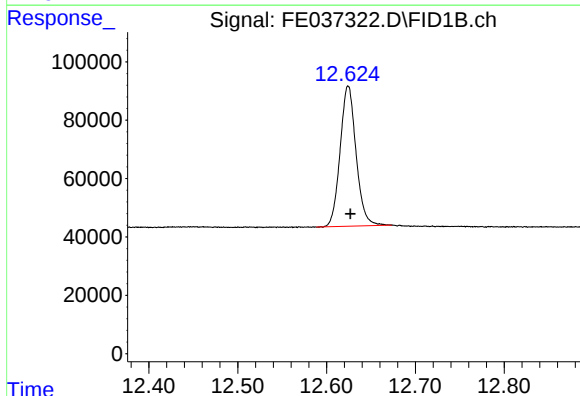
R.T.: 9.888 min
Delta R.T.: -0.003 min
Response: 579209
Conc: 3.40 ug/ml

Instrument :
FID_E
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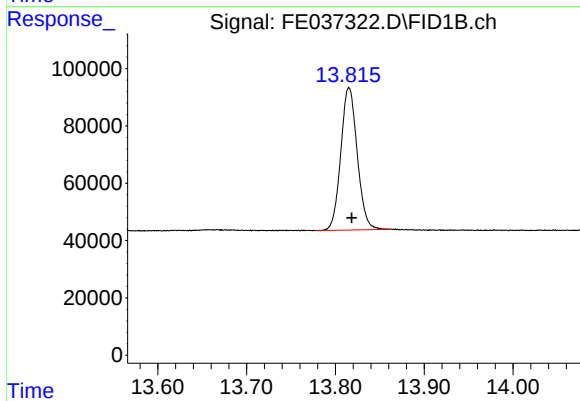
#6 N-OCTADECANE

R.T.: 11.323 min
Delta R.T.: -0.003 min
Response: 581422
Conc: 3.38 ug/ml



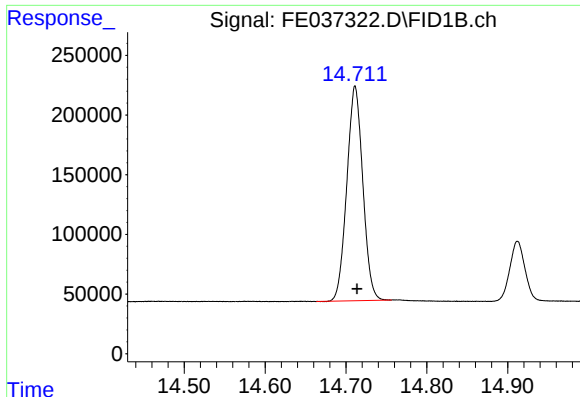
#7 N-EICOSANE

R.T.: 12.624 min
Delta R.T.: -0.002 min
Response: 598912
Conc: 3.52 ug/ml



#8 N-DOCOSANE

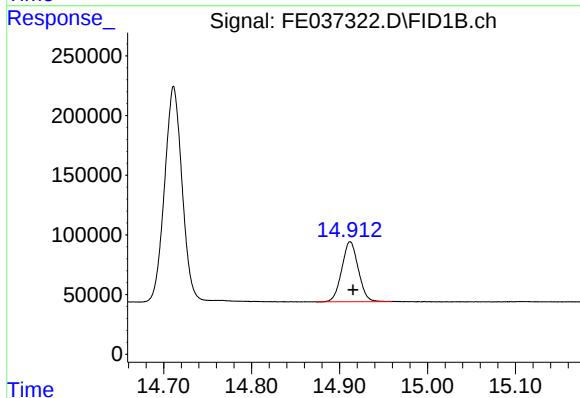
R.T.: 13.815 min
Delta R.T.: -0.003 min
Response: 638186
Conc: 3.85 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

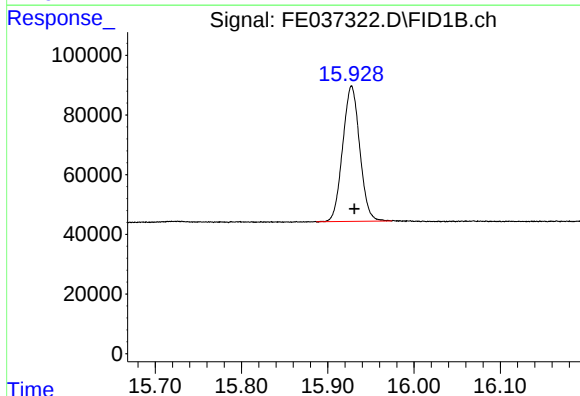
R.T.: 14.711 min
Delta R.T.: -0.003 min
Response: 2470102
Conc: 17.24 ug/ml

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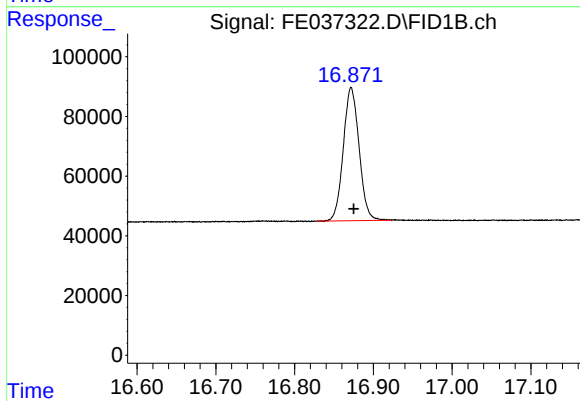
#10 N-TETRACOSANE

R.T.: 14.912 min
Delta R.T.: -0.003 min
Response: 653074
Conc: 3.99 ug/ml



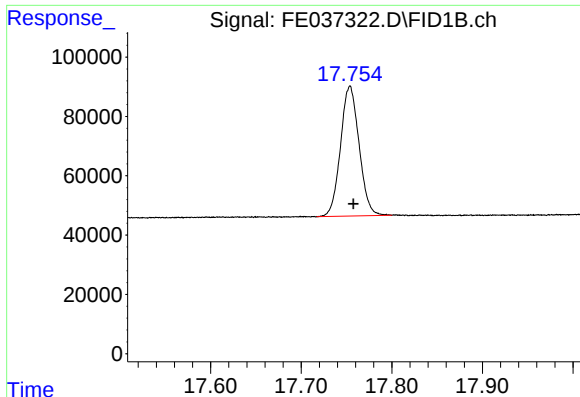
#11 N-HEXACOSANE

R.T.: 15.928 min
Delta R.T.: -0.003 min
Response: 622164
Conc: 3.92 ug/ml



#12 N-OCTACOSANE

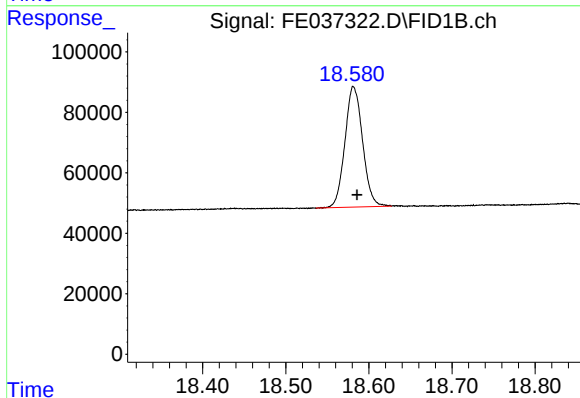
R.T.: 16.872 min
Delta R.T.: -0.003 min
Response: 621549
Conc: 4.03 ug/ml



#13 N-TRIACONTANE

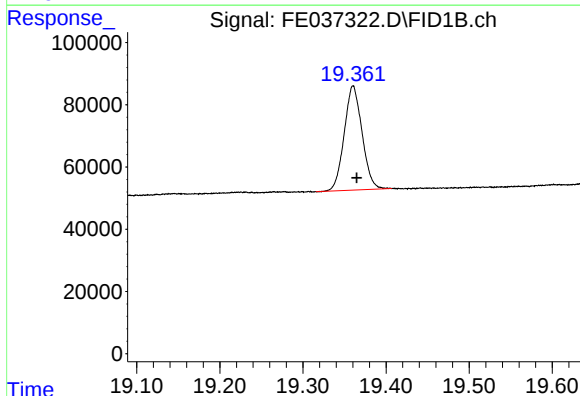
R.T.: 17.754 min
Delta R.T.: -0.004 min
Response: 623551
Conc: 4.11 ug/ml

Instrument :
FID_E
ClientSampleId :
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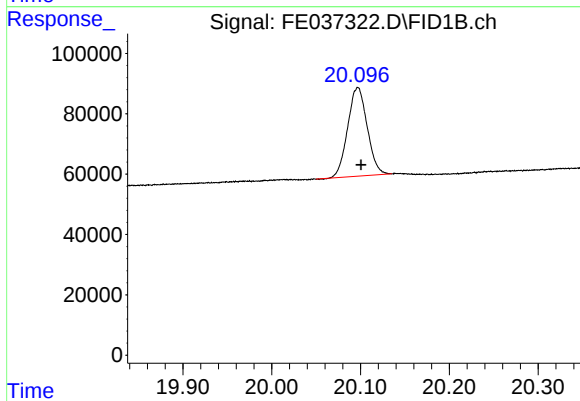
#14 N-DOTRIACONTANE

R.T.: 18.581 min
Delta R.T.: -0.005 min
Response: 589203
Conc: 3.94 ug/ml



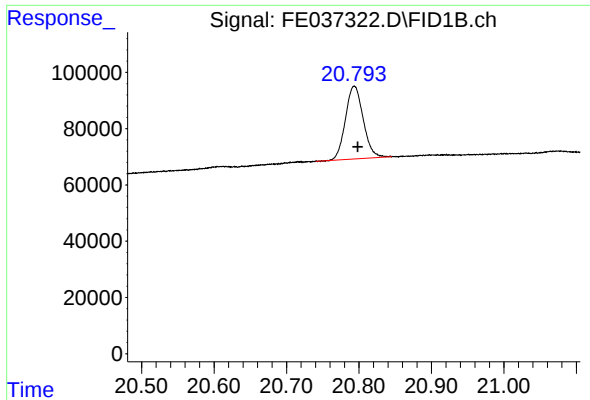
#15 N-TETRATRIACONTANE

R.T.: 19.360 min
Delta R.T.: -0.004 min
Response: 500633
Conc: 3.44 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.097 min
Delta R.T.: -0.004 min
Response: 449684
Conc: 3.29 ug/ml



#17 N-OCTATRIACONTANE

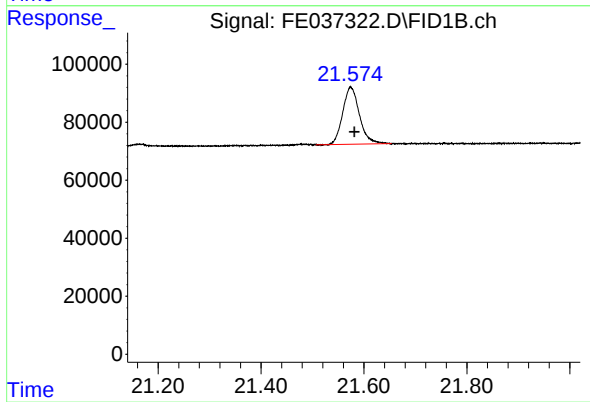
R.T.: 20.794 min
Delta R.T.: -0.005 min
Response: 440380
Conc: 3.30 ug/ml

Instrument :

FID_E

ClientSampleId :

LOQ-SOIL-05-QT3-2022



#18 N-TETRACONTANE

R.T.: 21.574 min
Delta R.T.: -0.007 min
Response: 444531
Conc: 3.23 ug/ml