

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083022\
 Data File : FE037320.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2022 19:04
 Operator : YP\AJ
 Sample : N3980-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 8 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 31 13:24:54 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	2444979	17.066 ug/ml
Target Compounds			
1) N-OCTANE	1.804	127854	0.842 ug/ml
2) N-DECANE	4.304	122995	0.781 ug/mlm
3) N-DODECANE	6.476	120200	0.739 ug/mlm
4) N-TETRADECANE	8.293	139547	0.832 ug/mlm
5) N-HEXADECANE	9.889	133432	0.783 ug/mlm
6) N-OCTADECANE	11.323	133581	0.778 ug/mlm
7) N-EICOSANE	12.624	135177	0.794 ug/ml
8) N-DOCOSANE	13.815	152904	0.923 ug/ml
10) N-TETRACOSANE	14.912	163492	0.998 ug/ml
11) N-HEXACOSANE	15.928	154528	0.973 ug/ml
12) N-OCTACOSANE	16.872	170347	1.106 ug/ml
13) N-TRIACONTANE	17.755	219009	1.442 ug/ml
14) N-DOTRIACONTANE	18.582	237035	1.585 ug/ml
15) N-TETRATRIACONTANE	19.363	188133	1.294 ug/ml
16) N-HEXATRIACONTANE	20.096	146151	1.069 ug/ml
17) N-OCTATRIACONTANE	20.794	130014	0.976 ug/mlm
18) N-TETRACONTANE	21.574	141738	1.029 ug/mlm

(f)=RT Delta > 1/2 Window

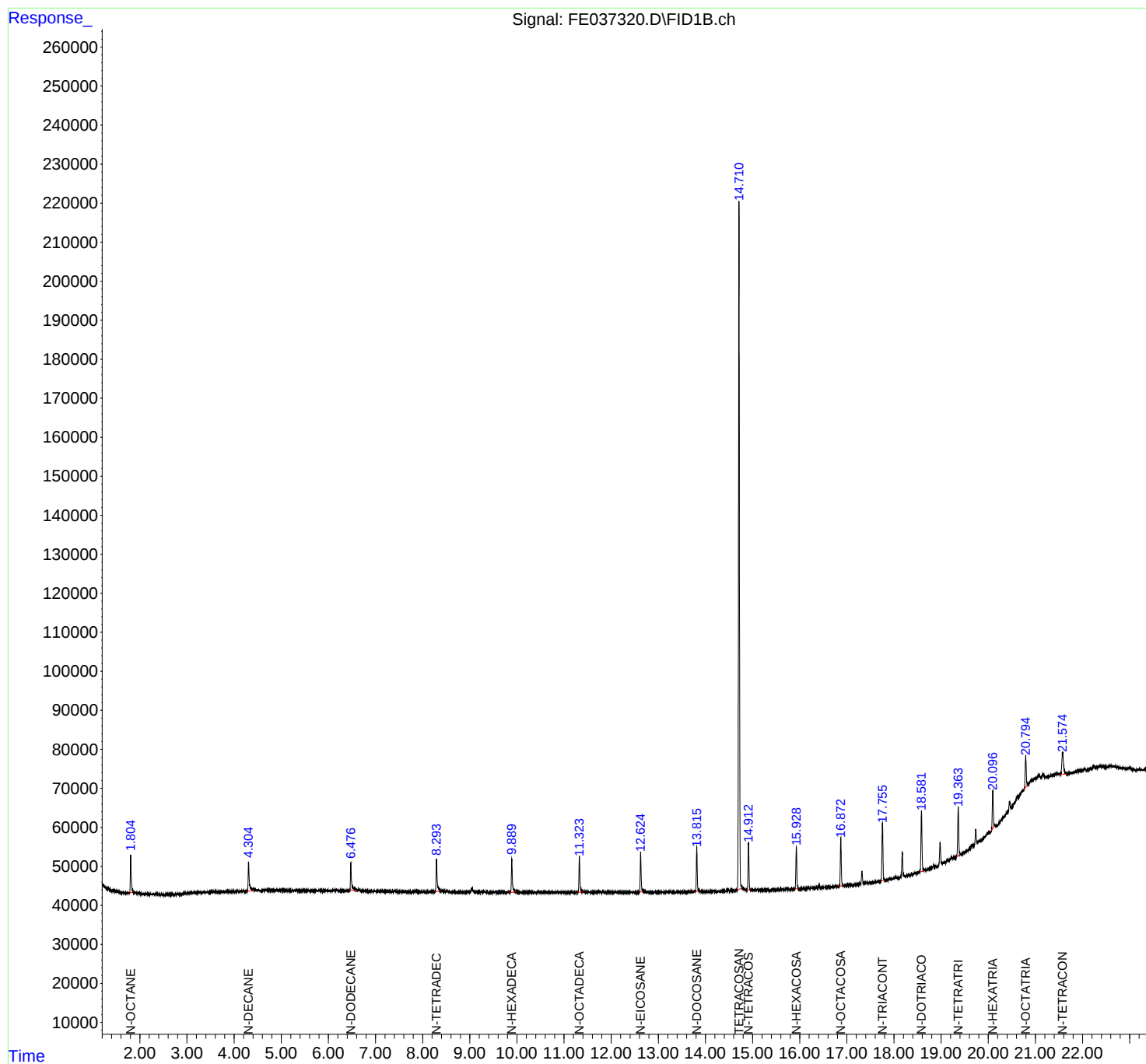
(m)=manual int.

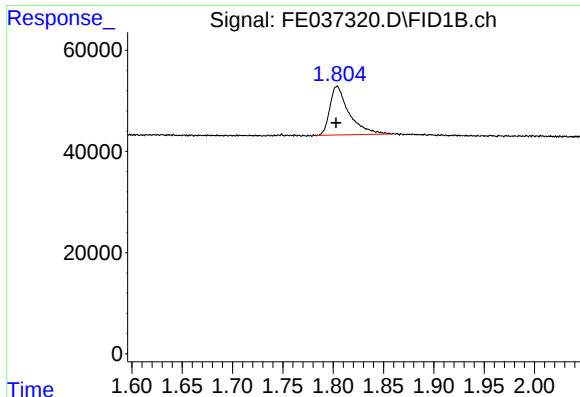
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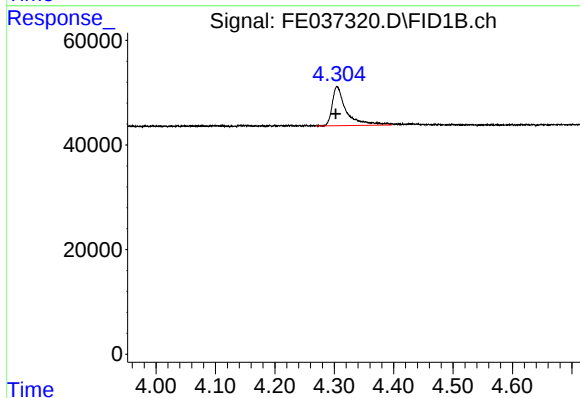




#1 N-OCTANE

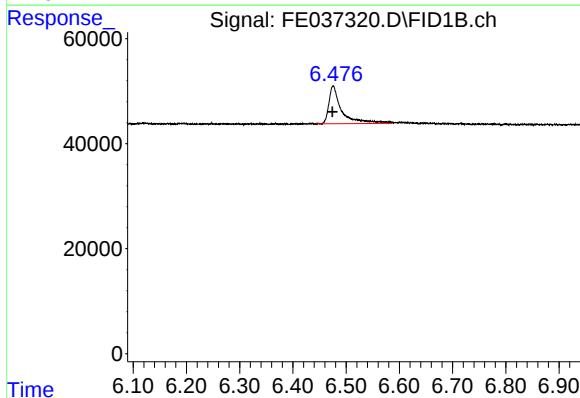
R.T.: 1.804 min
Delta R.T.: 0.001 min
Response: 127854
Conc: 0.84 ug/ml

Instrument :
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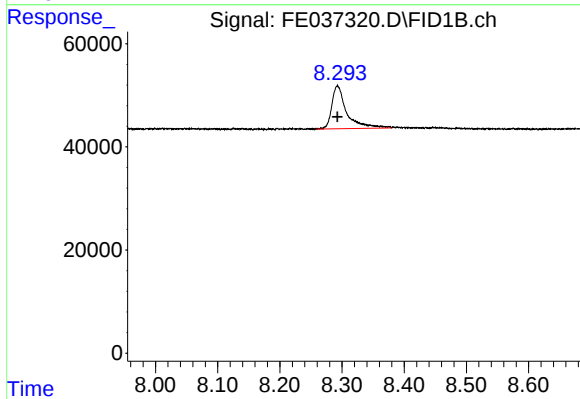
#2 N-DECANE

R.T.: 4.304 min
Delta R.T.: 0.002 min
Response: 122995
Conc: 0.78 ug/ml m



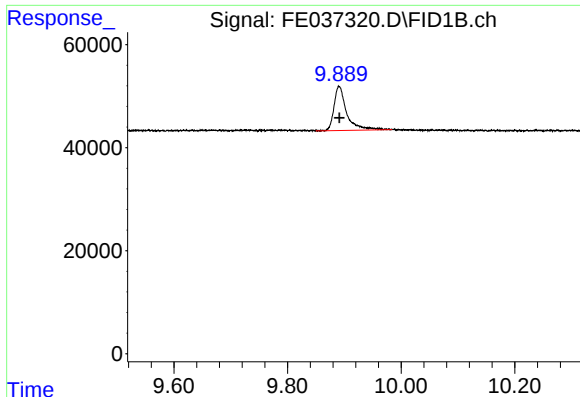
#3 N-DODECANE

R.T.: 6.476 min
Delta R.T.: 0.002 min
Response: 120200
Conc: 0.74 ug/ml m



#4 N-TETRADECANE

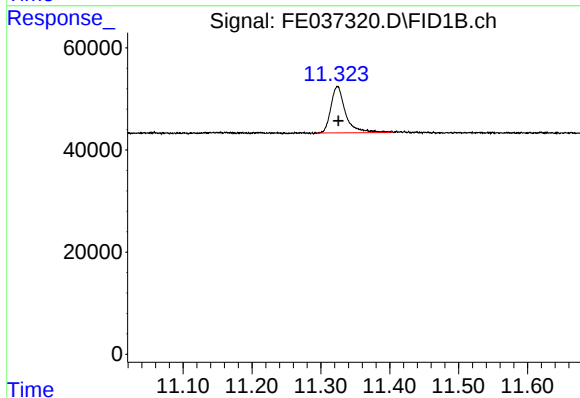
R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 139547
Conc: 0.83 ug/ml m



#5 N-HEXADECANE

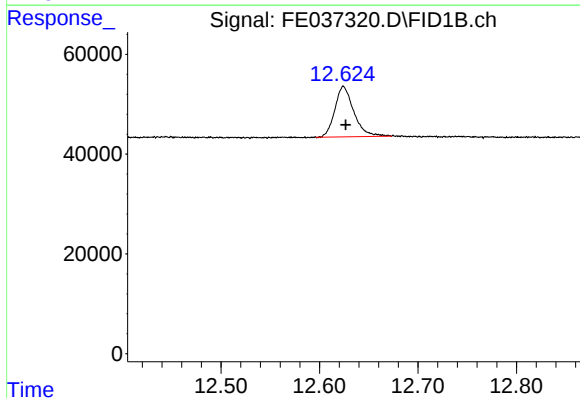
R.T.: 9.889 min
Delta R.T.: -0.002 min
Response: 133432
Conc: 0.78 ug/ml

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



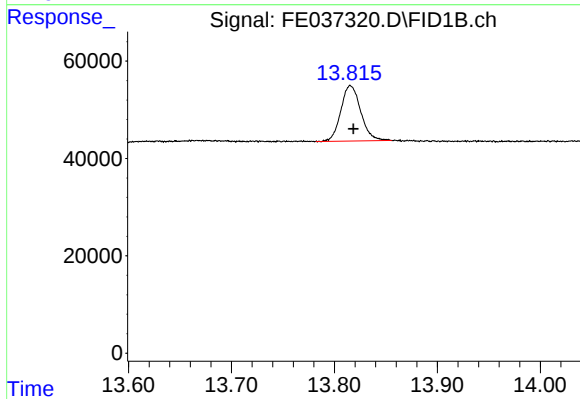
#6 N-OCTADECANE

R.T.: 11.323 min
Delta R.T.: -0.002 min
Response: 133581
Conc: 0.78 ug/ml m



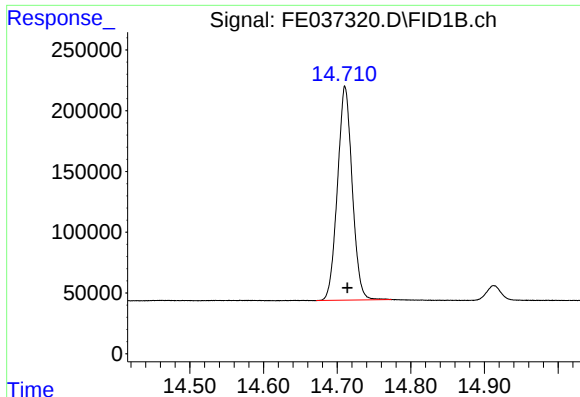
#7 N-EICOSANE

R.T.: 12.624 min
Delta R.T.: -0.003 min
Response: 135177
Conc: 0.79 ug/ml



#8 N-DOCOSANE

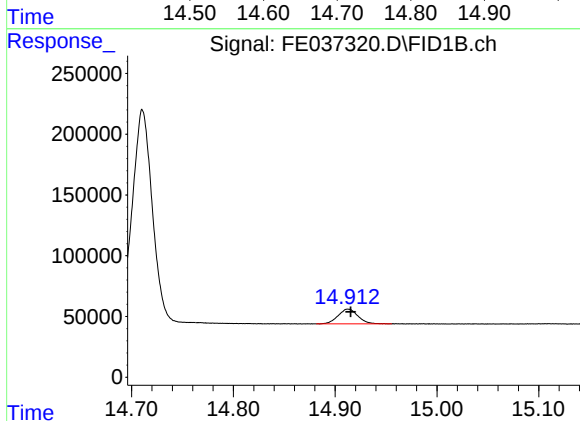
R.T.: 13.815 min
Delta R.T.: -0.003 min
Response: 152904
Conc: 0.92 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

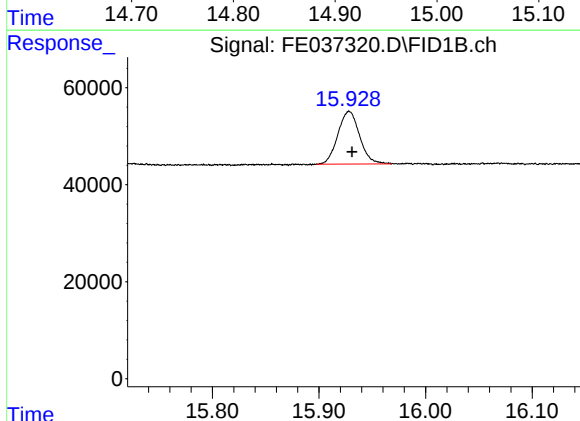
R.T.: 14.710 min
Delta R.T.: -0.003 min
Response: 2444979
Conc: 17.07 ug/ml

Instrument :
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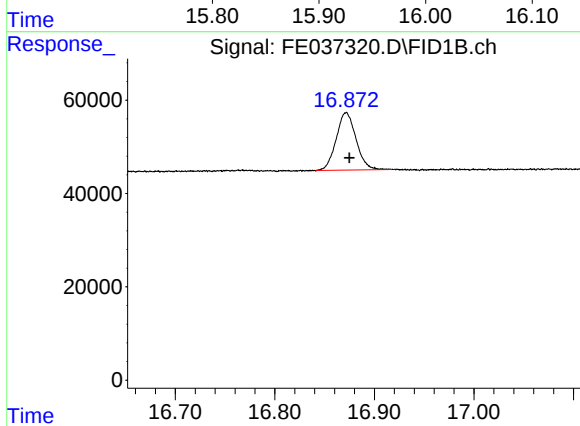
#10 N-TETRACOSANE

R.T.: 14.912 min
Delta R.T.: -0.003 min
Response: 163492
Conc: 1.00 ug/ml



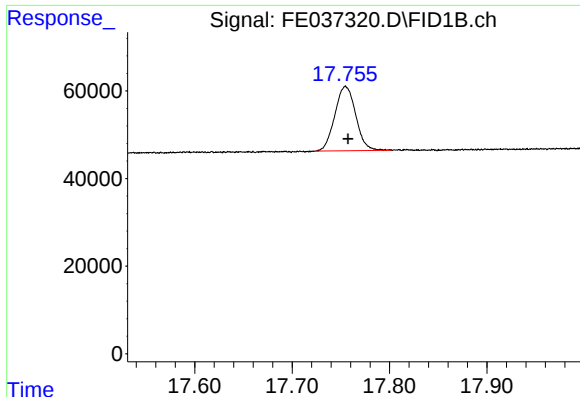
#11 N-HEXACOSANE

R.T.: 15.928 min
Delta R.T.: -0.003 min
Response: 154528
Conc: 0.97 ug/ml



#12 N-OCTACOSANE

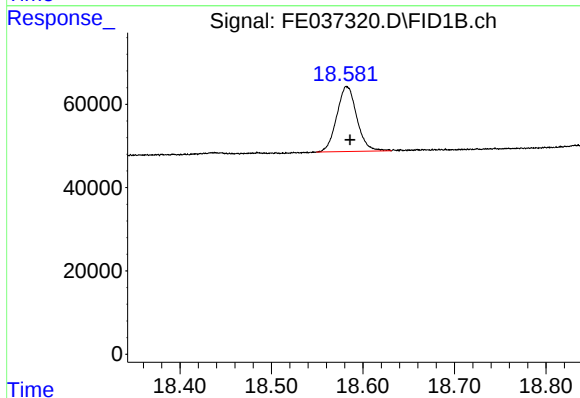
R.T.: 16.872 min
Delta R.T.: -0.003 min
Response: 170347
Conc: 1.11 ug/ml



#13 N-TRIACONTANE

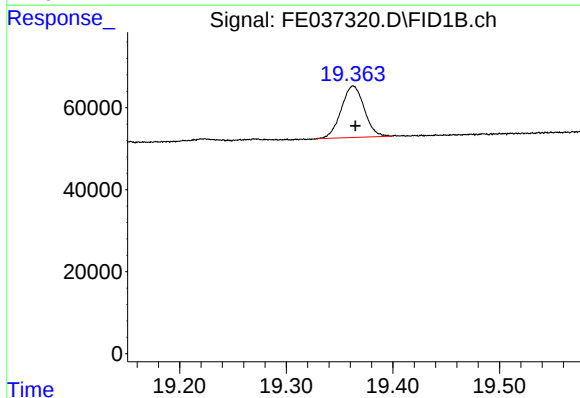
R.T.: 17.755 min
Delta R.T.: -0.003 min
Response: 219009
Conc: 1.44 ug/ml

Instrument :
FID_E
ClientSampleId :
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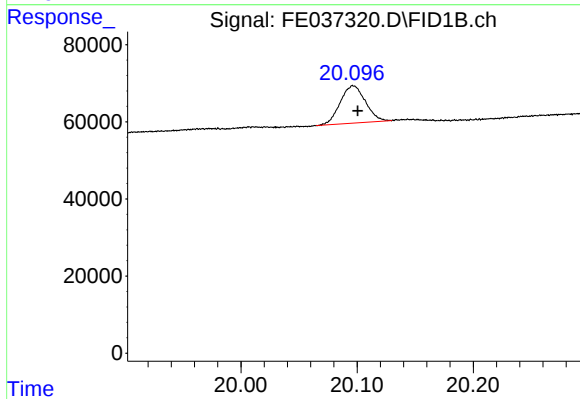
#14 N-DOTRIACONTANE

R.T.: 18.582 min
Delta R.T.: -0.004 min
Response: 237035
Conc: 1.58 ug/ml



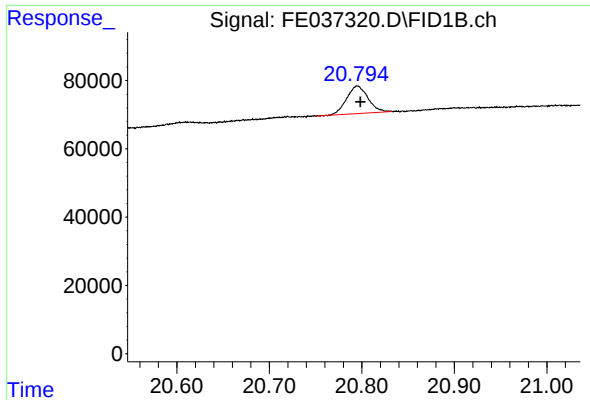
#15 N-TETRATRIACONTANE

R.T.: 19.363 min
Delta R.T.: -0.002 min
Response: 188133
Conc: 1.29 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.096 min
Delta R.T.: -0.004 min
Response: 146151
Conc: 1.07 ug/ml



#17 N-OCTATRIACONTANE

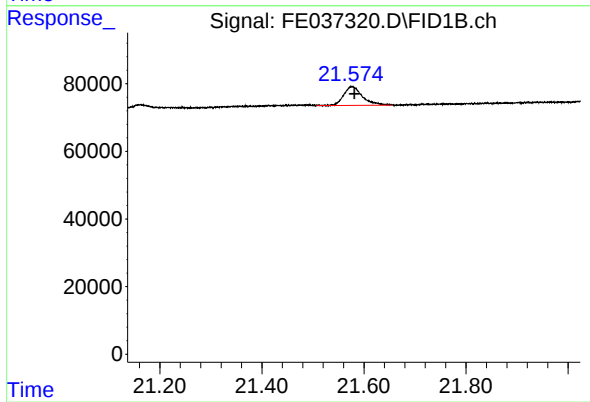
R.T.: 20.794 min
Delta R.T.: -0.004 min
Response: 130014
Conc: 0.98 ug/ml

Instrument :

FID_E

ClientSampleId :

LOD-MDL-SOIL-04-QT3-2022



#18 N-TETRACONTANE

R.T.: 21.574 min
Delta R.T.: -0.007 min
Response: 141738
Conc: 1.03 ug/ml m