

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224\
 Data File : FE049412.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2024 00:26
 Operator : YP\AJ
 Sample : P3390-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 03 03:22:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072924.M
 Quant Title :
 QLast Update : Tue Jul 30 04:50:04 2024
 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...	14.985	2052195	16.048 ug/ml
Target Compounds			
1) N-OCTANE	2.020	144990	1.032 ug/ml
2) N-DECANE	4.535	162378	1.159 ug/ml
3) N-DODECANE	6.703	151183	1.064 ug/ml
4) N-TETRADECANE	8.531	190020	1.343 ug/ml
5) N-HEXADECANE	10.138	164134	1.165 ug/ml
6) N-OCTADECANE	11.581	171665	1.197 ug/ml
7) N-EICOSANE	12.888	182791	1.297 ug/ml
8) N-DOCOSANE	14.086	179631	1.290 ug/ml
10) N-TETRACOSANE	15.188	192200	1.379 ug/ml
11) N-HEXACOSANE	16.209	184148	1.320 ug/ml
12) N-OCTACOSANE	17.157	199965	1.425 ug/ml
13) N-TRIACONTANE	18.044	250646	1.757 ug/ml
14) N-DOTRIACONTANE	18.875	285522	2.033 ug/ml
15) N-TETRATRIACONTANE	19.657	259140	2.130 ug/ml
16) N-HEXATRIACONTANE	20.396	207087	2.021 ug/ml
17) N-OCTATRIACONTANE	21.126	175675	1.862 ug/ml
18) N-TETRACONTANE	22.028	168816	1.784 ug/ml

(f)=RT Delta > 1/2 Window

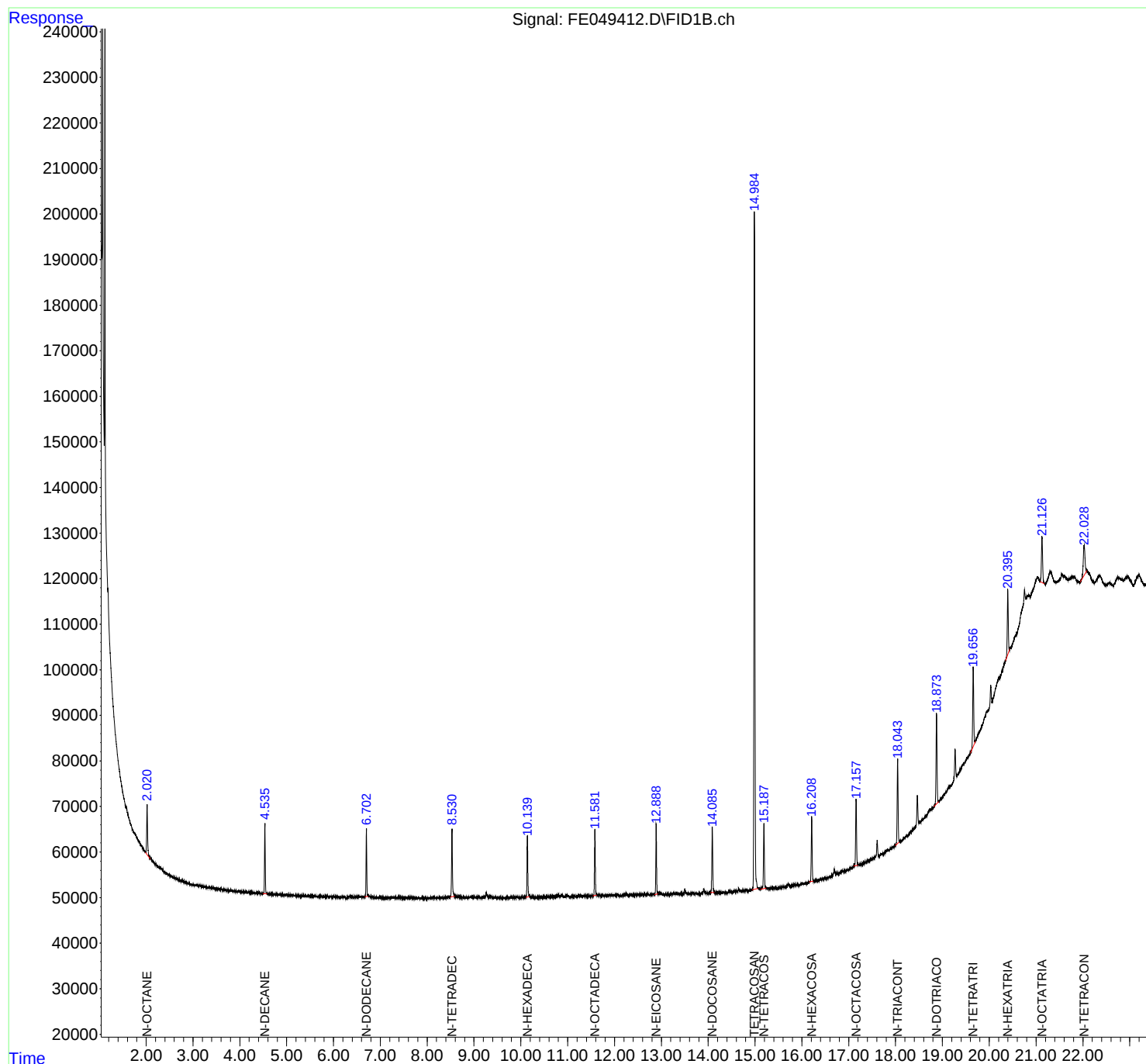
(m)=manual int.

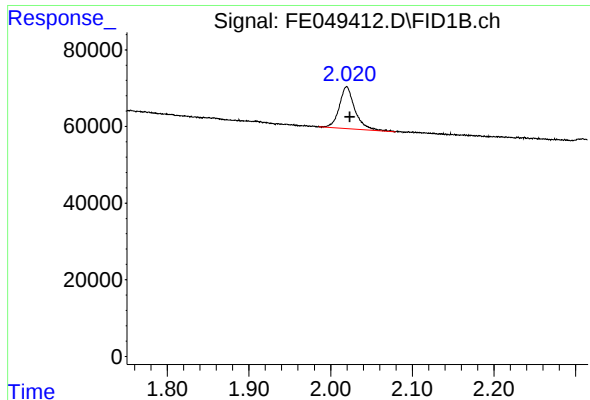
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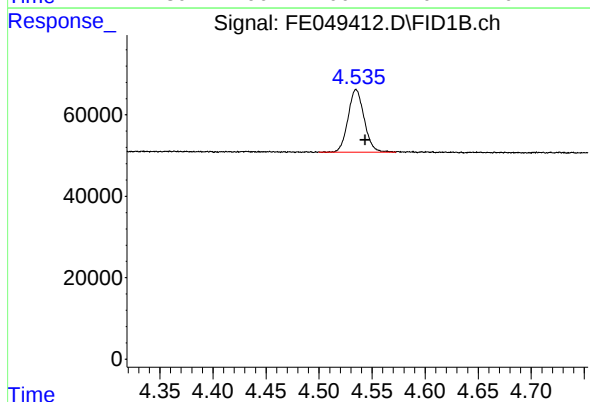




#1 N-OCTANE

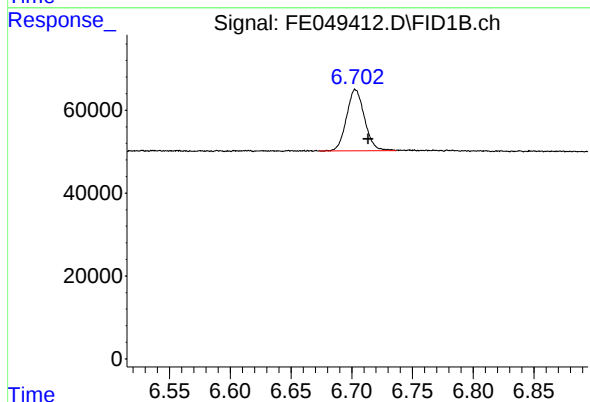
R.T.: 2.020 min
Delta R.T.: -0.004 min
Response: 144990
Conc: 1.03 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2024



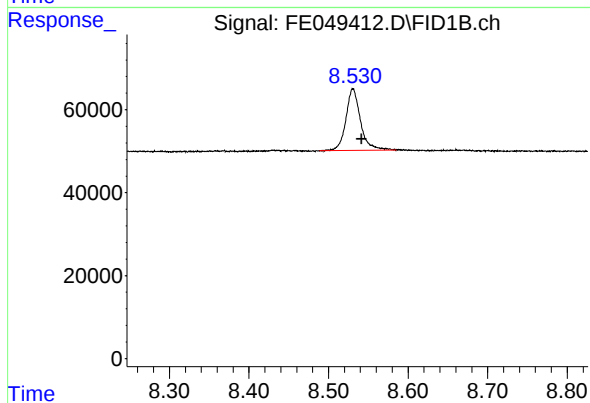
#2 N-DECANE

R.T.: 4.535 min
Delta R.T.: -0.009 min
Response: 162378
Conc: 1.16 ug/ml



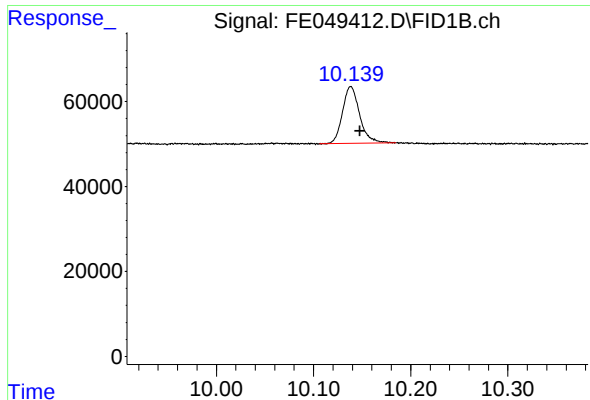
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: -0.010 min
Response: 151183
Conc: 1.06 ug/ml



#4 N-TETRADECANE

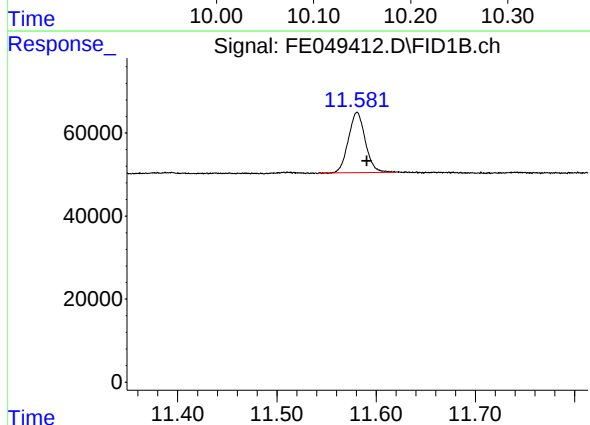
R.T.: 8.531 min
Delta R.T.: -0.011 min
Response: 190020
Conc: 1.34 ug/ml



#5 N-HEXADECANE

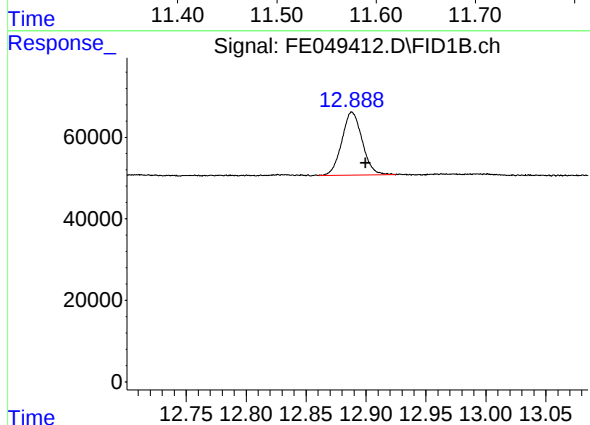
R.T.: 10.138 min
Delta R.T.: -0.009 min
Response: 164134
Conc: 1.17 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2024



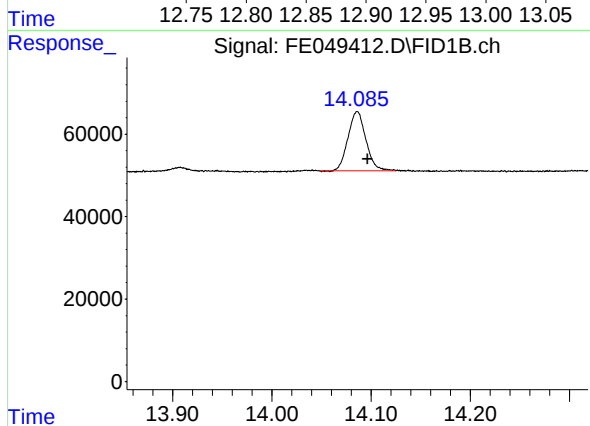
#6 N-OCTADECANE

R.T.: 11.581 min
Delta R.T.: -0.010 min
Response: 171665
Conc: 1.20 ug/ml



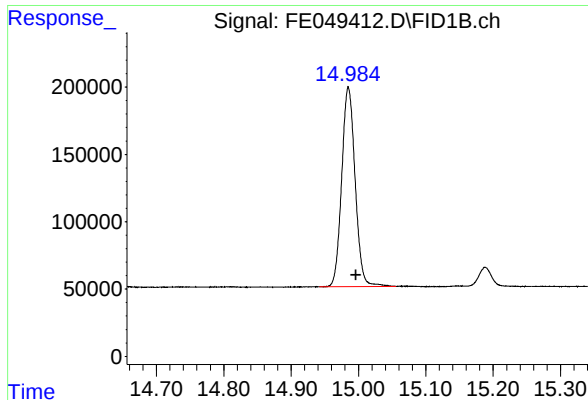
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.011 min
Response: 182791
Conc: 1.30 ug/ml



#8 N-DOCOSANE

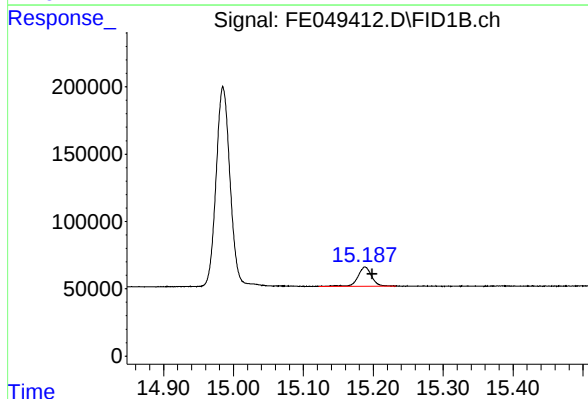
R.T.: 14.086 min
Delta R.T.: -0.011 min
Response: 179631
Conc: 1.29 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

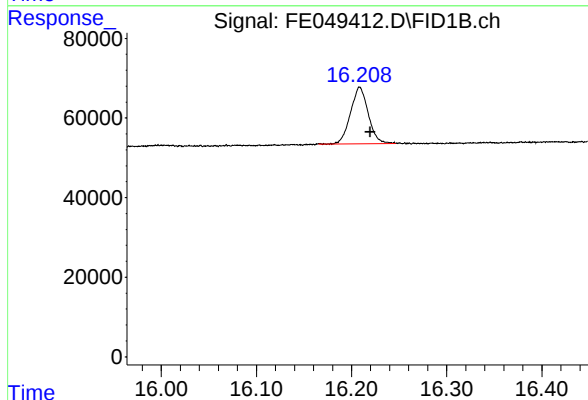
R.T.: 14.985 min
Delta R.T.: -0.011 min
Response: 2052195
Conc: 16.05 ug/ml

Instrument :
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ClientSampleId :
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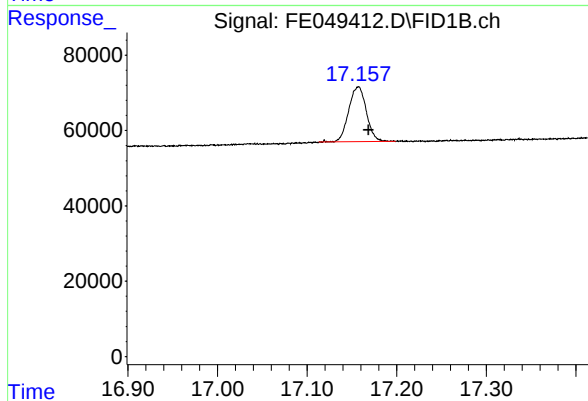
#10 N-TETRACOSANE

R.T.: 15.188 min
Delta R.T.: -0.010 min
Response: 192200
Conc: 1.38 ug/ml



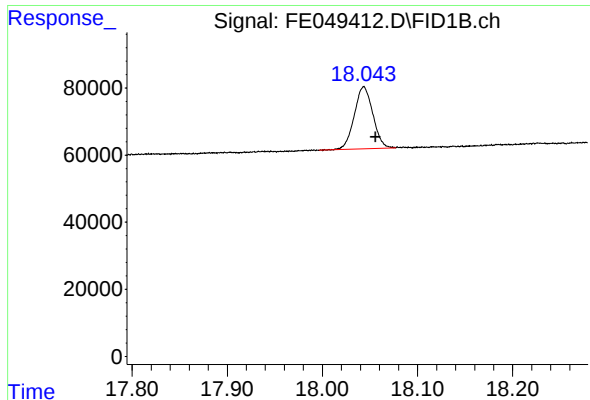
#11 N-HEXACOSANE

R.T.: 16.209 min
Delta R.T.: -0.011 min
Response: 184148
Conc: 1.32 ug/ml



#12 N-OCTACOSANE

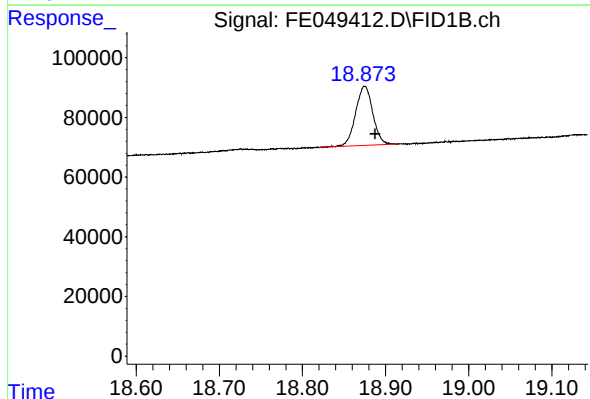
R.T.: 17.157 min
Delta R.T.: -0.012 min
Response: 199965
Conc: 1.43 ug/ml



#13 N-TRIACONTANE

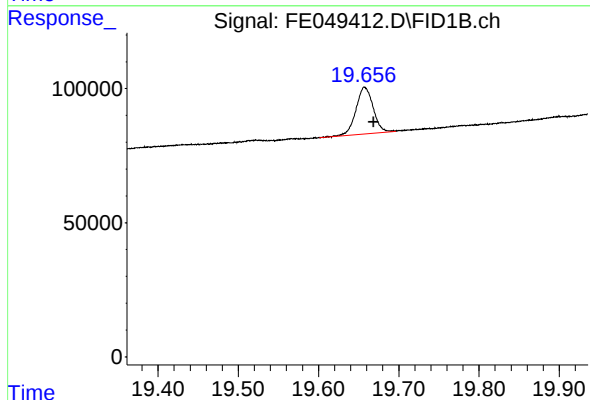
R.T.: 18.044 min
Delta R.T.: -0.012 min
Response: 250646
Conc: 1.76 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2024



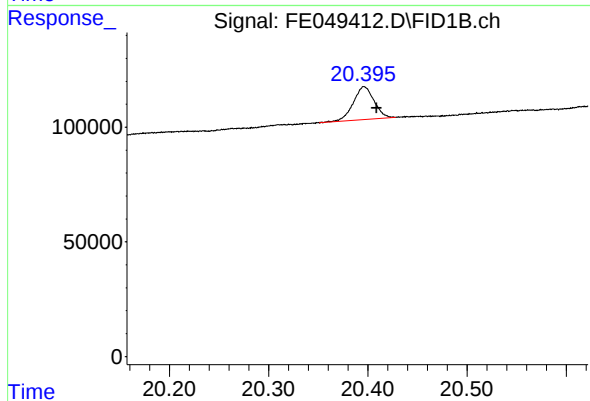
#14 N-DOTRIACONTANE

R.T.: 18.875 min
Delta R.T.: -0.013 min
Response: 285522
Conc: 2.03 ug/ml



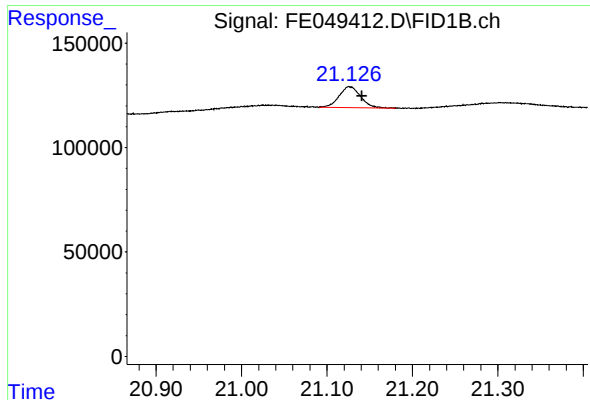
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.011 min
Response: 259140
Conc: 2.13 ug/ml



#16 N-HEXATRIACONTANE

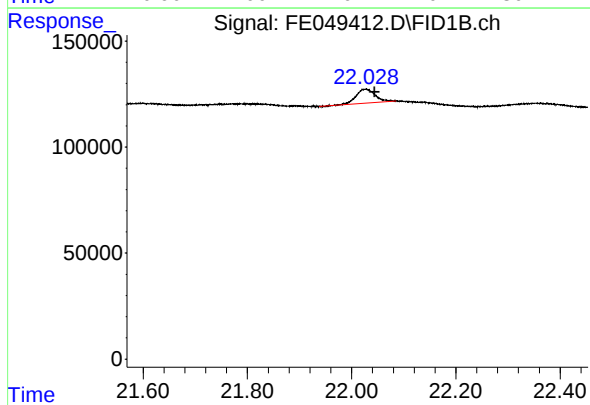
R.T.: 20.396 min
Delta R.T.: -0.013 min
Response: 207087
Conc: 2.02 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.126 min
Delta R.T.: -0.015 min
Response: 175675
Conc: 1.86 ug/ml

Instrument :
FID_E
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LOD-MDL-SOIL-04-QT3-2024



#18 N-TETRACONTANE

R.T.: 22.028 min
Delta R.T.: -0.016 min
Response: 168816
Conc: 1.78 ug/ml