

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
 Data File : FF016211.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2025 22:32
 Operator : YP\AJ
 Sample : Q2893-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2025

Integration File: autoint1.e
 Quant Time: Aug 26 04:26:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 2025
 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...	15.080	2294137	20.553 ug/ml
Target Compounds			
1) N-OCTANE	2.061	294015	2.584 ug/ml
2) N-DECANE	4.597	317896	2.730 ug/ml
3) N-DODECANE	6.775	317783	2.690 ug/ml
4) N-TETRADECANE	8.609	331460	2.742 ug/ml
5) N-HEXADECANE	10.218	336182	2.766 ug/ml
6) N-OCTADECANE	11.663	354471	2.832 ug/ml
7) N-EICOSANE	12.975	363278	2.808 ug/ml
8) N-DOCOSANE	14.176	355230	2.810 ug/ml
10) N-TETRACOSANE	15.281	355749	2.807 ug/ml
11) N-HEXACOSANE	16.304	343891	2.778 ug/ml
12) N-OCTACOSANE	17.258	349590	2.793 ug/ml
13) N-TRIACONTANE	18.148	367258	2.875 ug/ml
14) N-DOTRIACONTANE	18.983	361305	2.903 ug/ml
15) N-TETRATRIACONTANE	19.769	313047	2.797 ug/ml
16) N-HEXATRIACONTANE	20.511	253092	2.750 ug/ml
17) N-OCTATRIACONTANE	21.271	215901	2.826 ug/ml
18) N-TETRACONTANE	22.224	185783	2.828 ug/ml

(f)=RT Delta > 1/2 Window

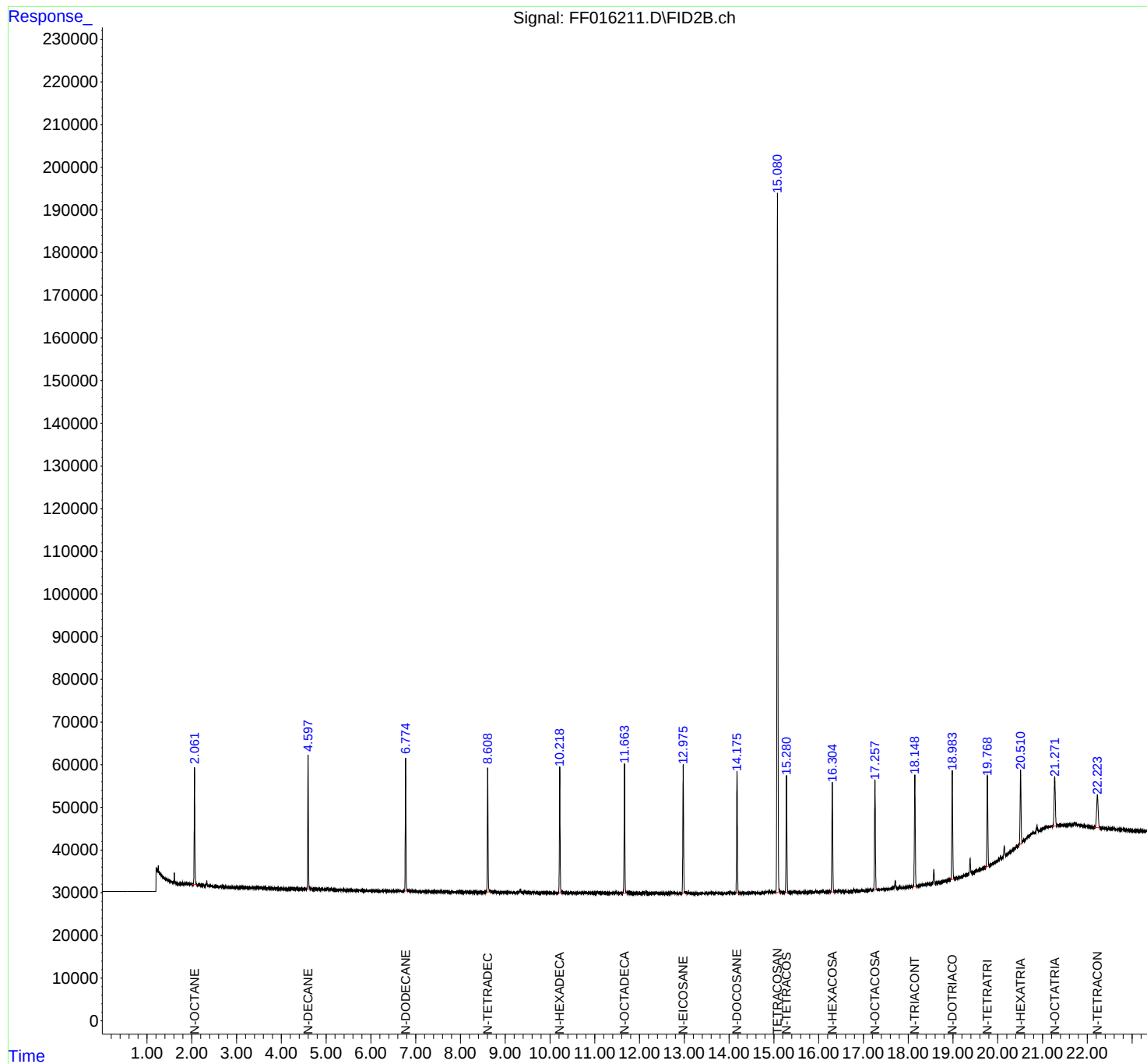
(m)=manual int.

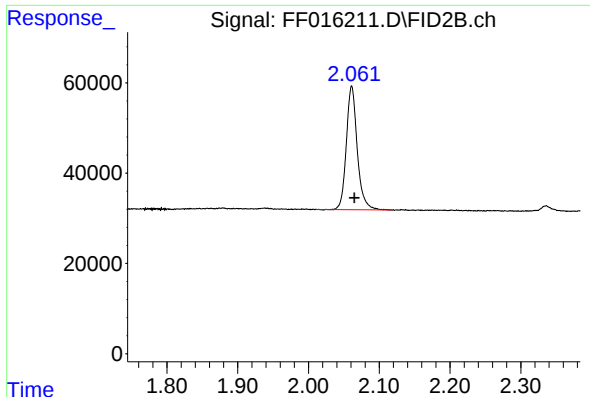
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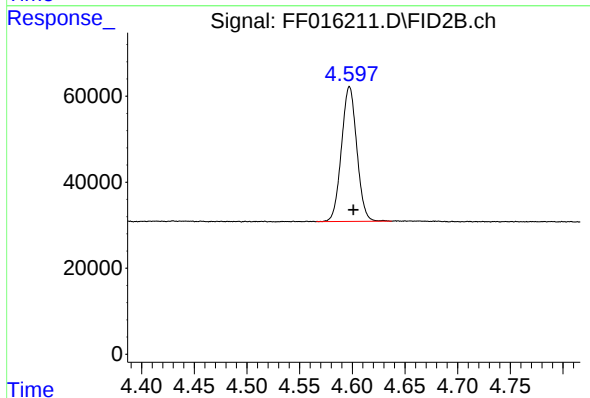




#1 N-OCTANE

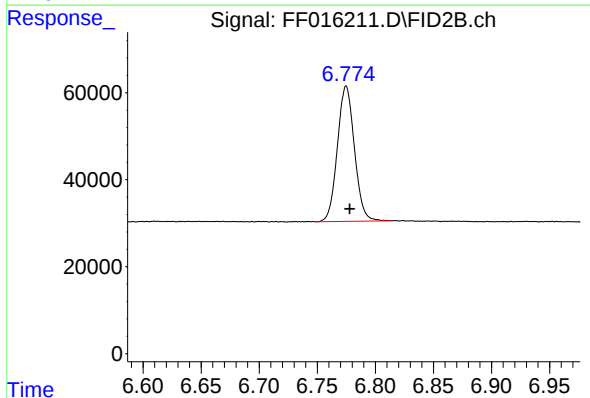
R.T.: 2.061 min
Delta R.T.: -0.004 min
Response: 294015
Conc: 2.58 ug/ml

Instrument :
FID_F
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LOD-MDL-SOIL-04-QT3-2025



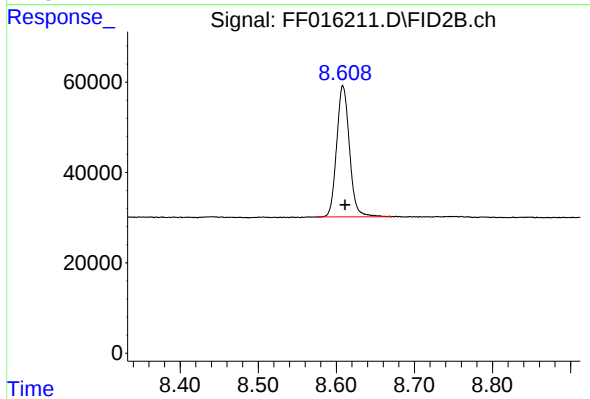
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 317896
Conc: 2.73 ug/ml



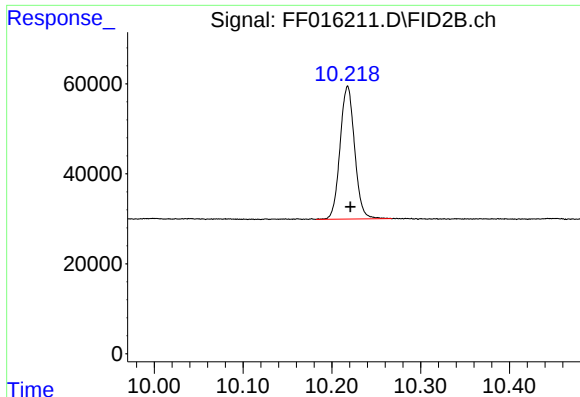
#3 N-DODECANE

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 317783
Conc: 2.69 ug/ml



#4 N-TETRADECANE

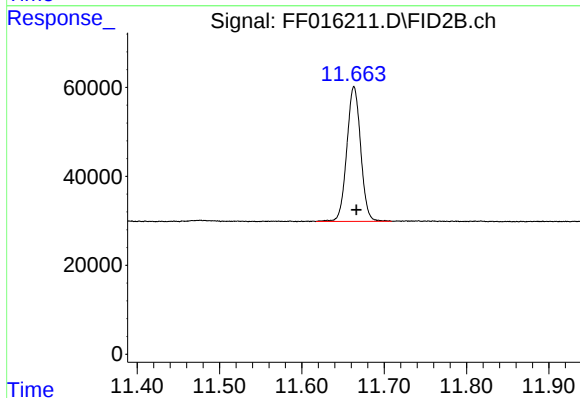
R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 331460
Conc: 2.74 ug/ml



#5 N-HEXADECANE

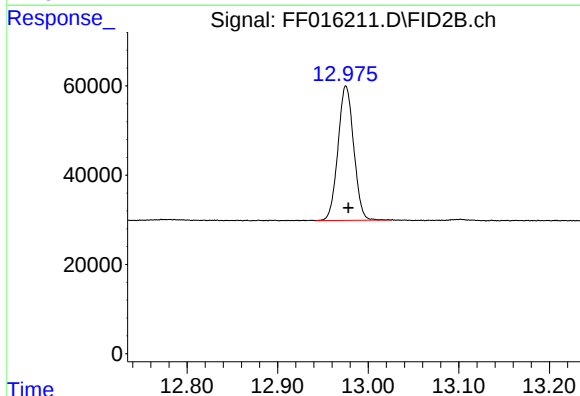
R.T.: 10.218 min
Delta R.T.: -0.003 min
Response: 336182
Conc: 2.77 ug/ml

Instrument :
FID_F
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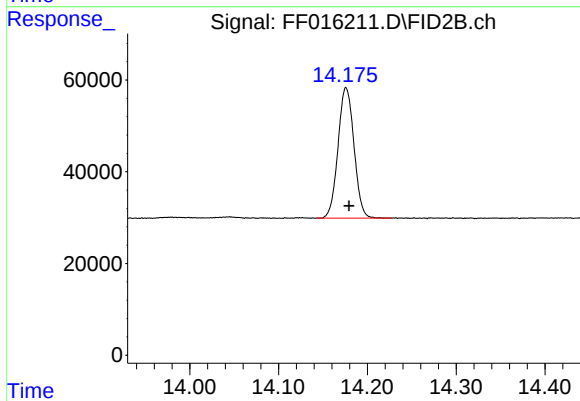
#6 N-OCTADECANE

R.T.: 11.663 min
Delta R.T.: -0.003 min
Response: 354471
Conc: 2.83 ug/ml



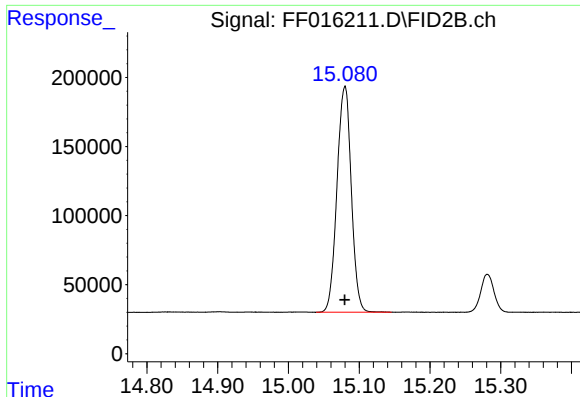
#7 N-EICOSANE

R.T.: 12.975 min
Delta R.T.: -0.003 min
Response: 363278
Conc: 2.81 ug/ml



#8 N-DOCOSANE

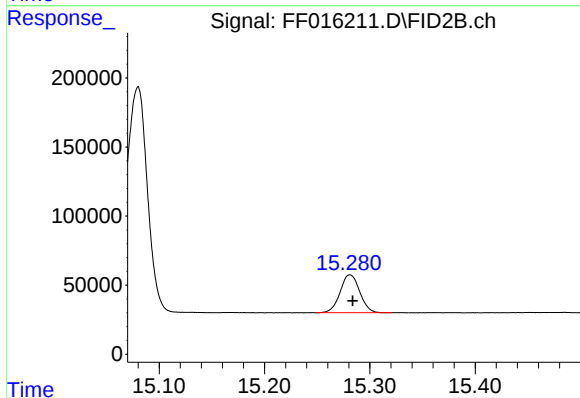
R.T.: 14.176 min
Delta R.T.: -0.003 min
Response: 355230
Conc: 2.81 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

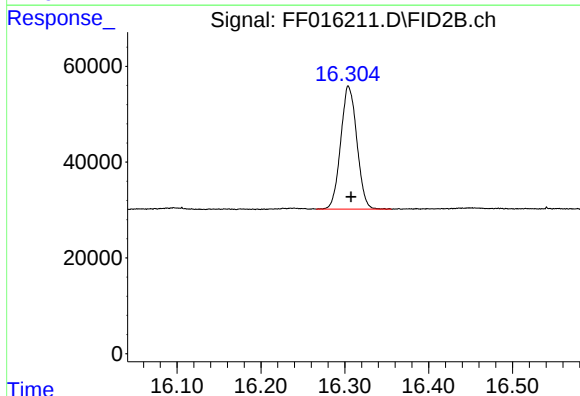
R.T.: 15.080 min
Delta R.T.: 0.000 min
Response: 2294137
Conc: 20.55 ug/ml

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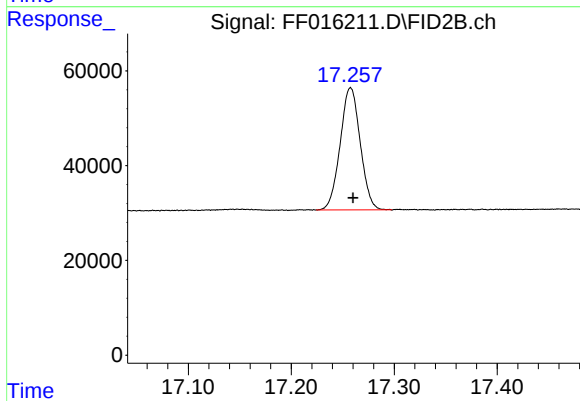
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.002 min
Response: 355749
Conc: 2.81 ug/ml



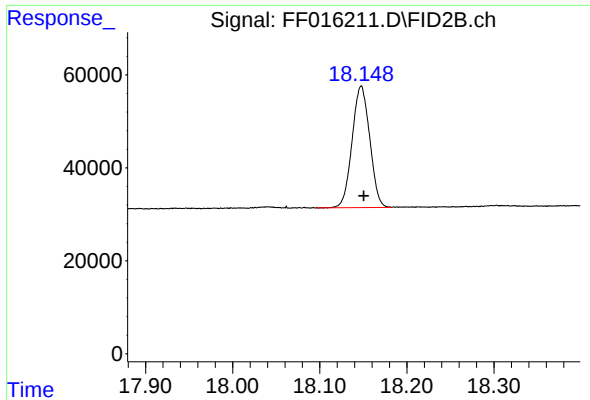
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.003 min
Response: 343891
Conc: 2.78 ug/ml



#12 N-OCTACOSANE

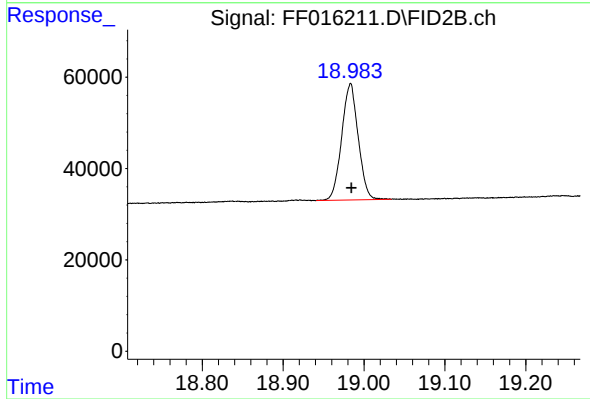
R.T.: 17.258 min
Delta R.T.: -0.002 min
Response: 349590
Conc: 2.79 ug/ml



#13 N-TRIACONTANE

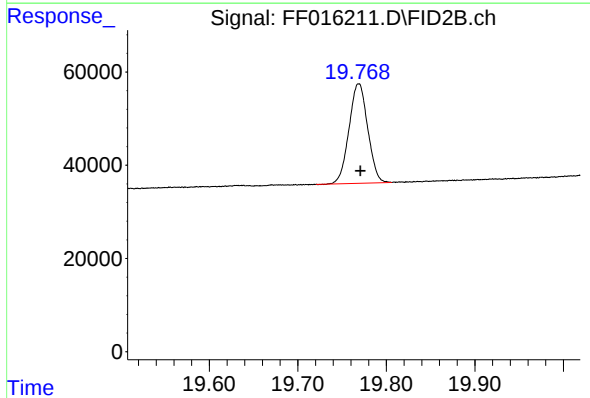
R.T.: 18.148 min
Delta R.T.: -0.003 min
Response: 367258
Conc: 2.88 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2025



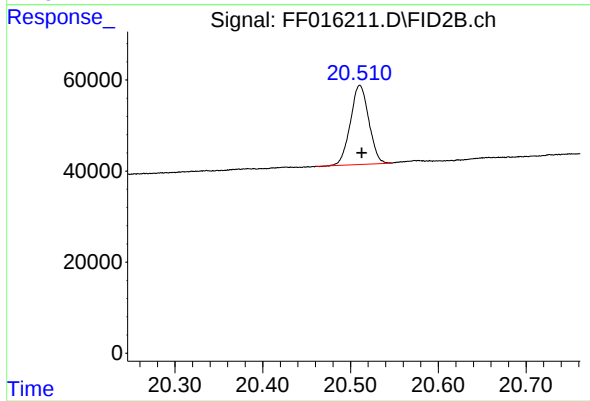
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: -0.001 min
Response: 361305
Conc: 2.90 ug/ml



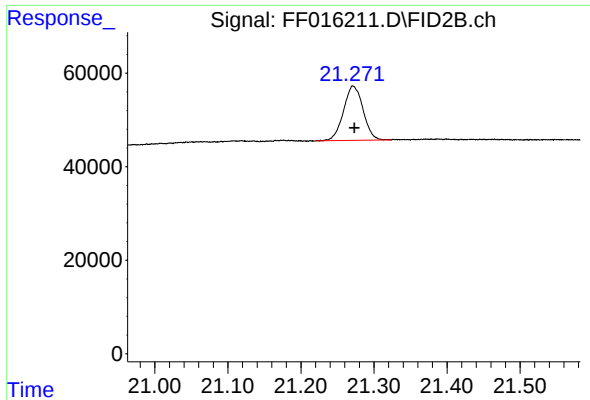
#15 N-TETRATRIACONTANE

R.T.: 19.769 min
Delta R.T.: -0.002 min
Response: 313047
Conc: 2.80 ug/ml



#16 N-HEXATRIACONTANE

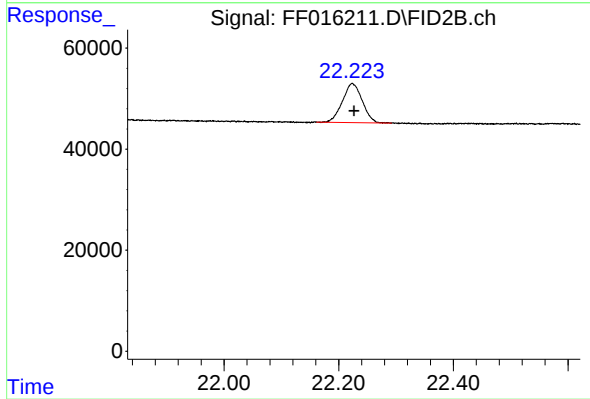
R.T.: 20.511 min
Delta R.T.: -0.002 min
Response: 253092
Conc: 2.75 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.271 min
Delta R.T.: -0.002 min
Response: 215901
Conc: 2.83 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2025



#18 N-TETRACONTANE

R.T.: 22.224 min
Delta R.T.: -0.003 min
Response: 185783
Conc: 2.83 ug/ml