

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016763.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 18:44
 Operator : YP\AJ
 Sample : Q3530-04
 Misc : LOD-MDL-SOIL-0.05 ML-QT4-2025
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2025

Integration File: Sample.e
 Quant Time: Nov 21 01:10:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.049	1821771	17.437 ug/ml
Target Compounds			
1) N-OCTANE	2.038	104913	0.945 ug/ml
2) N-DECANE	4.566	104866	0.948 ug/ml
3) N-DODECANE	6.744	85922	0.773 ug/ml
4) N-TETRADECANE	8.581	74488	0.667 ug/ml
5) N-HEXADECANE	10.192	77914	0.693 ug/ml
6) N-OCTADECANE	11.633	91983	0.786 ug/ml
7) N-EICOSANE	12.946	100337	0.822 ug/ml
8) N-DOCOSANE	14.146	108206	0.908 ug/ml
10) N-TETRACOSANE	15.252	111866	0.944 ug/ml
11) N-HEXACOSANE	16.280	103983	0.905 ug/ml
12) N-OCTACOSANE	17.233	104652	0.918 ug/ml
13) N-TRIACONTANE	18.124	104883	0.933 ug/ml
14) N-DOTRIACONTANE	18.958	117885	1.100 ug/ml
15) N-TETRATRIACONTANE	19.746	116770	1.188 ug/ml
16) N-HEXATRIACONTANE	20.490	114118	1.335 ug/ml
17) N-OCTATRIACONTANE	21.247	113470	1.478 ug/ml
18) N-TETRACONTANE	22.189	105264	1.542 ug/ml

(f)=RT Delta > 1/2 Window

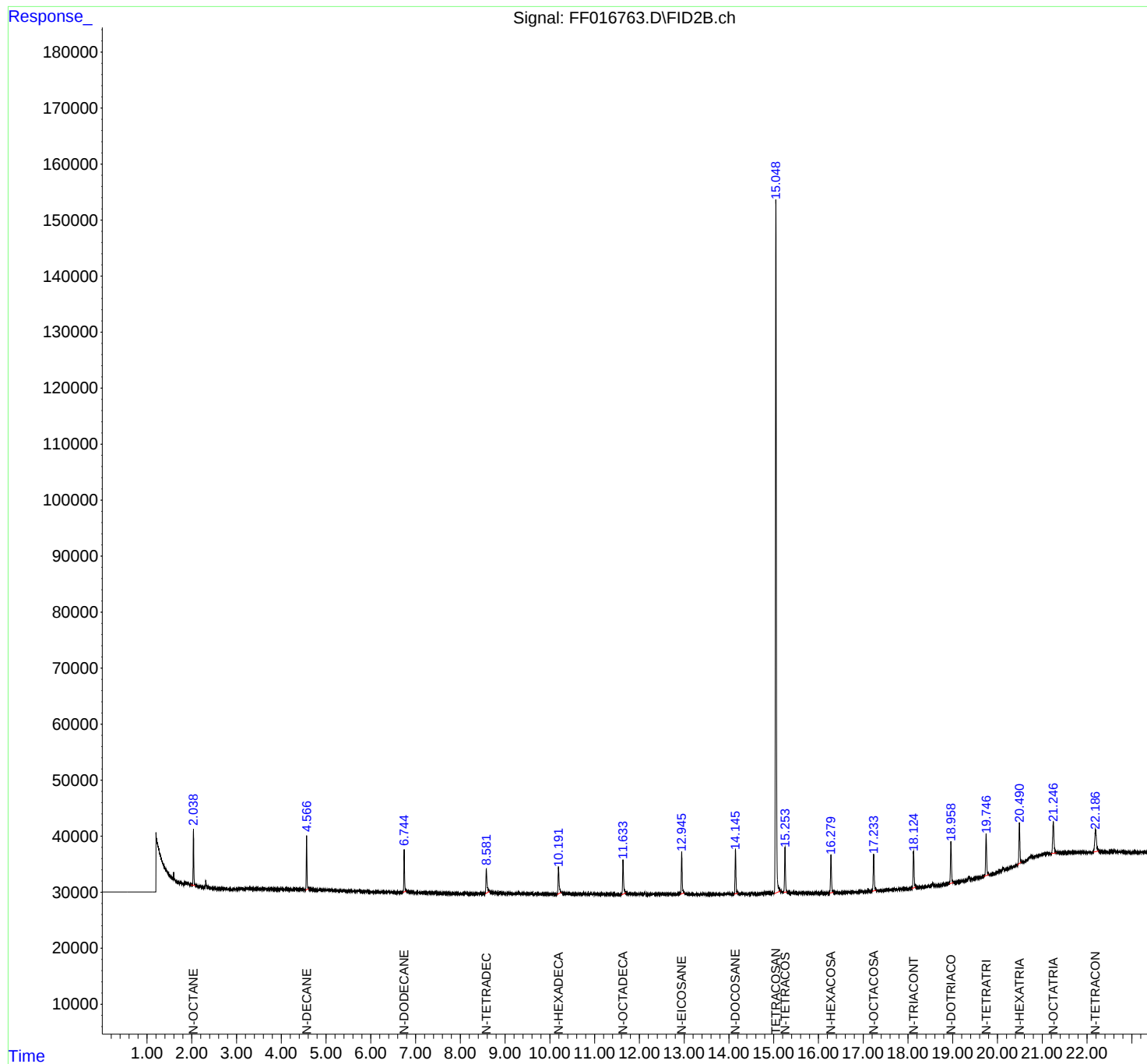
(m)=manual int.

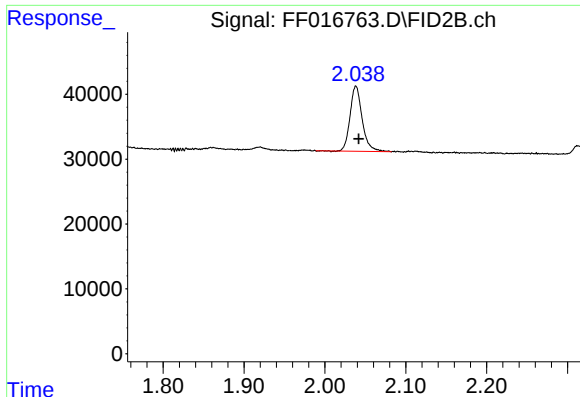
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Signal Info : 20mx0.18mmx0.18um

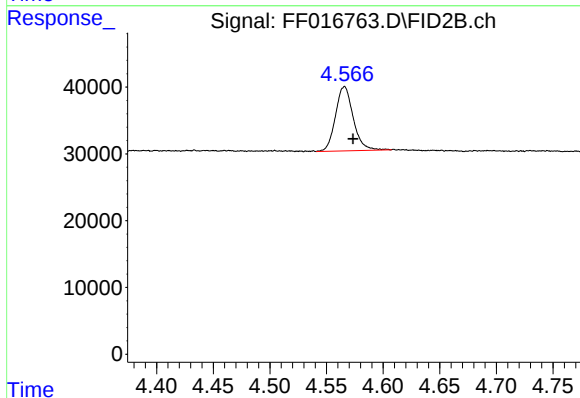




#1 N-OCTANE

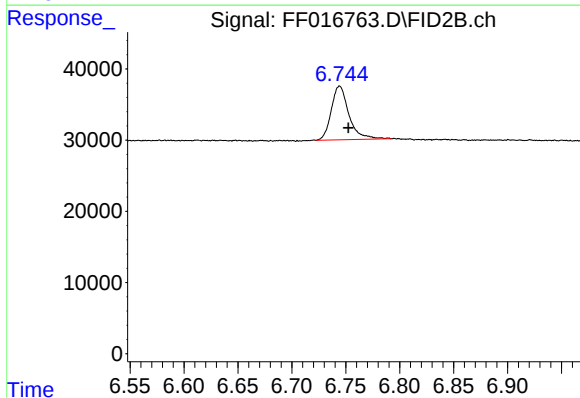
R.T.: 2.038 min
Delta R.T.: -0.004 min
Response: 104913
Conc: 0.95 ug/ml

Instrument :
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LOD-MDL-SOIL-04-QT4-2025



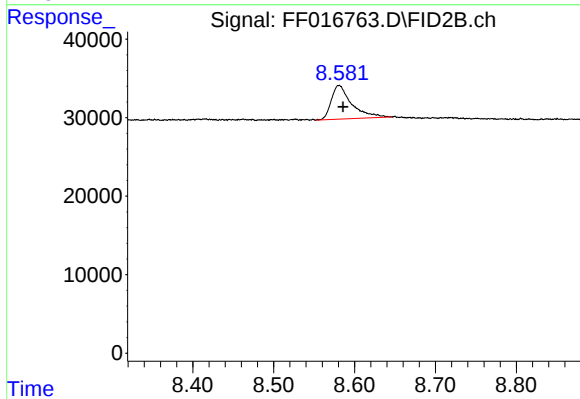
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: -0.008 min
Response: 104866
Conc: 0.95 ug/ml



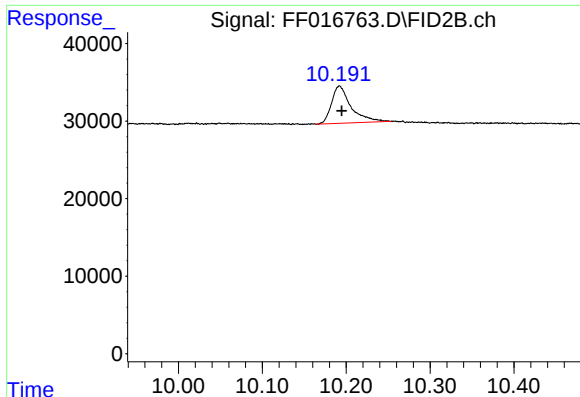
#3 N-DODECANE

R.T.: 6.744 min
Delta R.T.: -0.008 min
Response: 85922
Conc: 0.77 ug/ml



#4 N-TETRADECANE

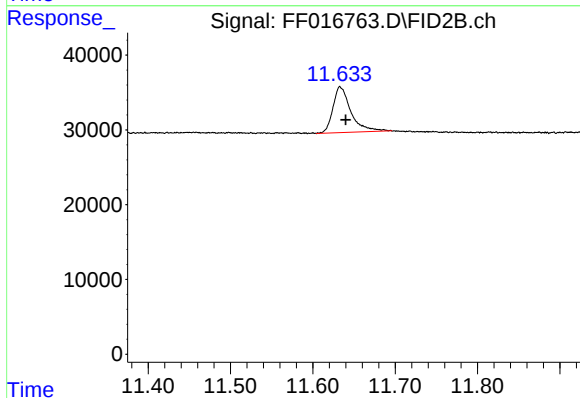
R.T.: 8.581 min
Delta R.T.: -0.005 min
Response: 74488
Conc: 0.67 ug/ml



#5 N-HEXADECANE

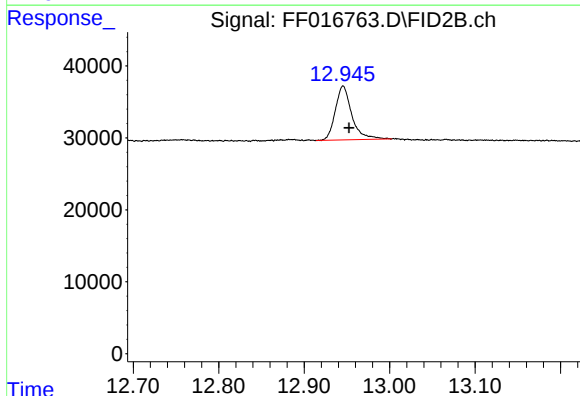
R.T.: 10.192 min
Delta R.T.: -0.003 min
Response: 77914
Conc: 0.69 ug/ml

Instrument :
FID_F
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LOD-MDL-SOIL-04-QT4-2025



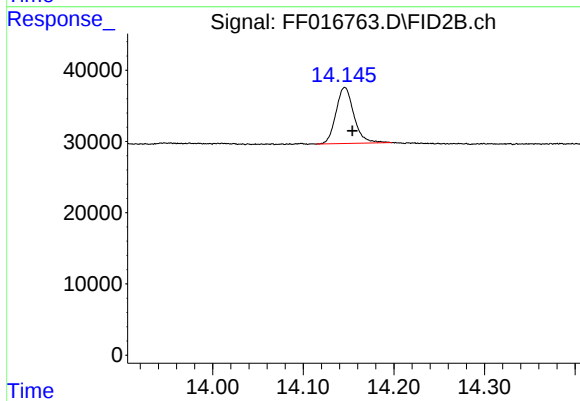
#6 N-OCTADECANE

R.T.: 11.633 min
Delta R.T.: -0.007 min
Response: 91983
Conc: 0.79 ug/ml



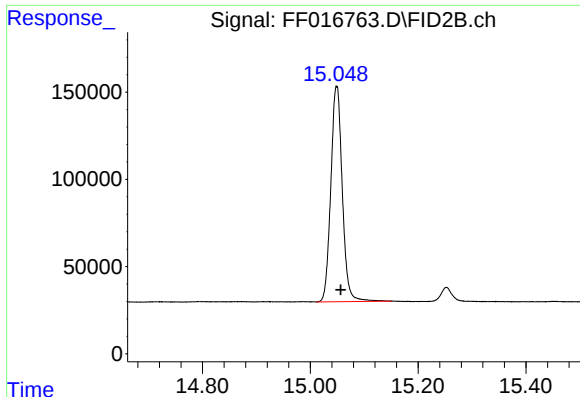
#7 N-EICOSANE

R.T.: 12.946 min
Delta R.T.: -0.007 min
Response: 100337
Conc: 0.82 ug/ml



#8 N-DOCOSANE

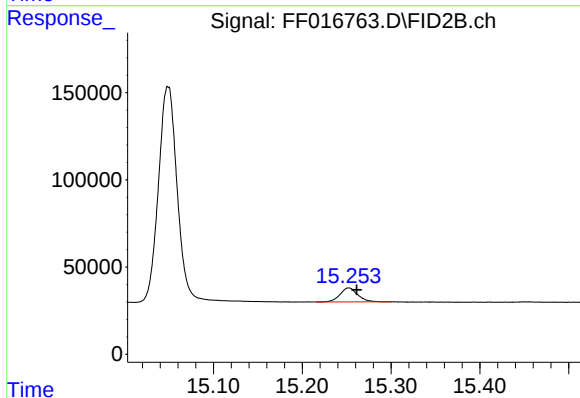
R.T.: 14.146 min
Delta R.T.: -0.008 min
Response: 108206
Conc: 0.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

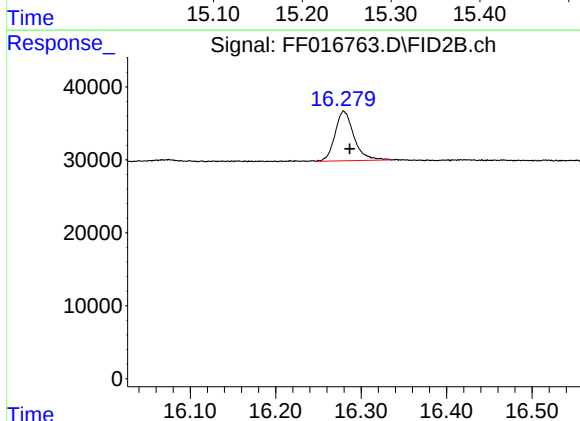
R.T.: 15.049 min
Delta R.T.: -0.007 min
Response: 1821771
Conc: 17.44 ug/ml

Instrument :
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LOD-MDL-SOIL-04-QT4-2025



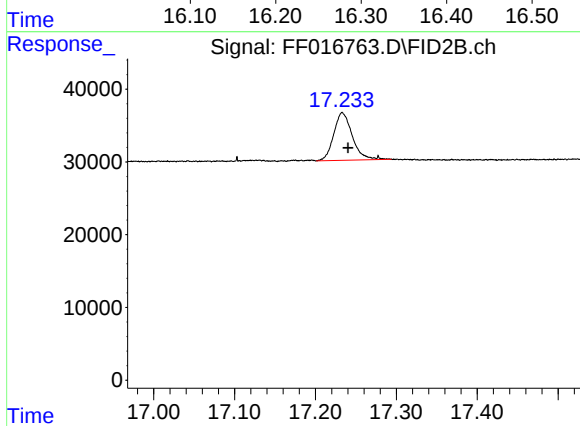
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.009 min
Response: 111866
Conc: 0.94 ug/ml



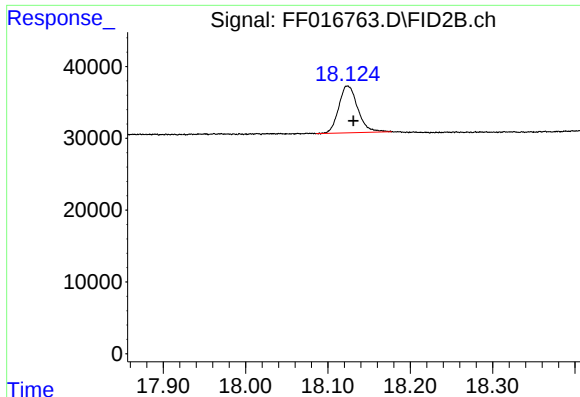
#11 N-HEXACOSANE

R.T.: 16.280 min
Delta R.T.: -0.007 min
Response: 103983
Conc: 0.91 ug/ml



#12 N-OCTACOSANE

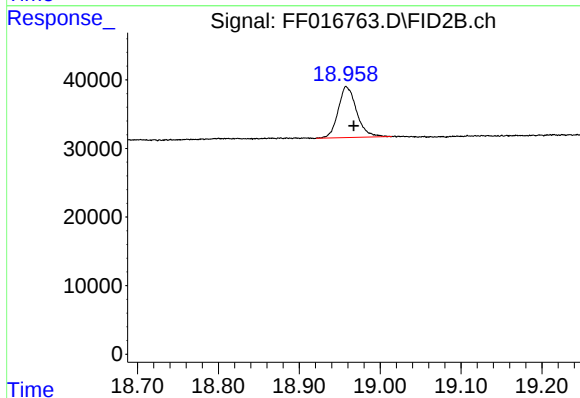
R.T.: 17.233 min
Delta R.T.: -0.007 min
Response: 104652
Conc: 0.92 ug/ml



#13 N-TRIACONTANE

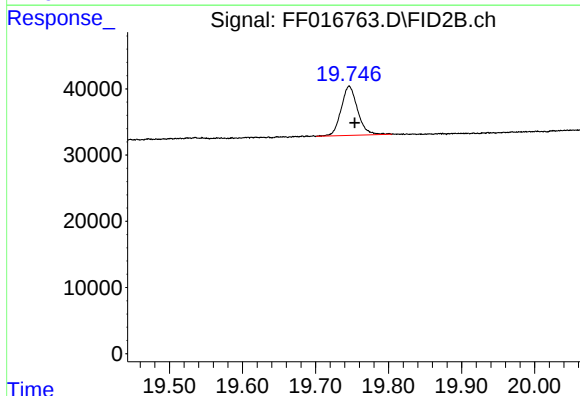
R.T.: 18.124 min
Delta R.T.: -0.007 min
Response: 104883
Conc: 0.93 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2025



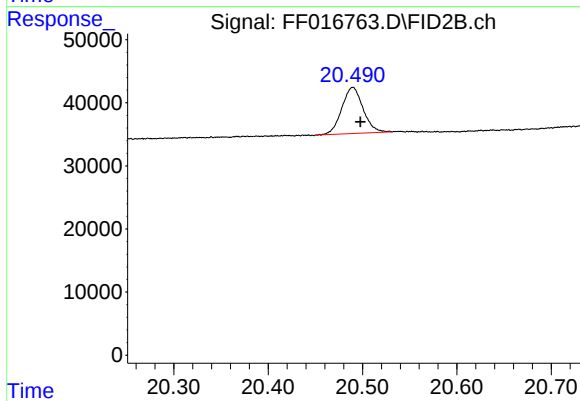
#14 N-DOTRIACONTANE

R.T.: 18.958 min
Delta R.T.: -0.009 min
Response: 117885
Conc: 1.10 ug/ml



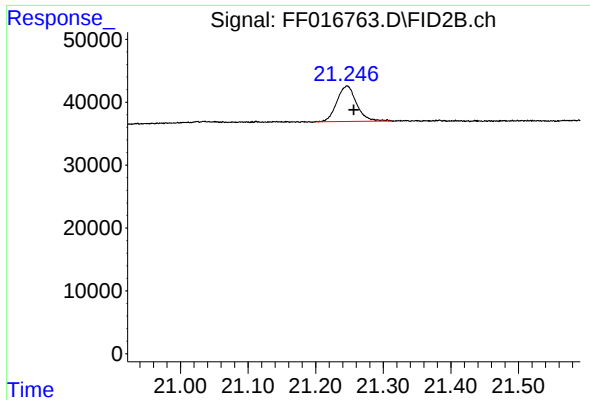
#15 N-TETRATRIACONTANE

R.T.: 19.746 min
Delta R.T.: -0.008 min
Response: 116770
Conc: 1.19 ug/ml



#16 N-HEXATRIACONTANE

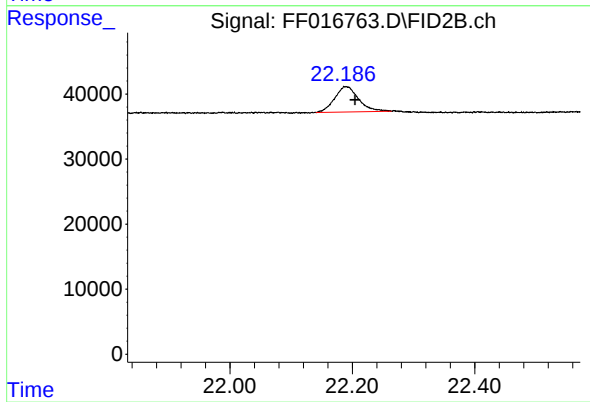
R.T.: 20.490 min
Delta R.T.: -0.008 min
Response: 114118
Conc: 1.33 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.247 min
Delta R.T.: -0.010 min
Response: 113470
Conc: 1.48 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-SOIL-04-QT4-2025



#18 N-TETRACONTANE

R.T.: 22.189 min
Delta R.T.: -0.015 min
Response: 105264
Conc: 1.54 ug/ml