

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016034.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 03:51
 Operator : YP\AJ
 Sample : Q2126-01
 Misc : 1 PPM SOIL LOD
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 11 05:59:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.971	2268017	18.505 ug/ml
Target Compounds			
1) N-OCTANE	1.952	95393	0.811 ug/ml
2) N-DECANE	4.475	76840	0.654 ug/ml
3) N-DODECANE	6.659	64621	0.532 ug/ml
4) N-TETRADECANE	8.498	78475	0.615 ug/ml
5) N-HEXADECANE	10.111	90904	0.682 ug/ml
6) N-OCTADECANE	11.556	113289	0.821 ug/ml
7) N-EICOSANE	12.867	131302	0.929 ug/ml
8) N-DOCOSANE	14.068	142274	1.036 ug/ml
10) N-TETRACOSANE	15.174	160446	1.167 ug/ml
11) N-HEXACOSANE	16.200	151158	1.113 ug/ml
12) N-OCTACOSANE	17.150	170989	1.268 ug/ml
13) N-TRIACONTANE	18.040	199876	1.465 ug/ml
14) N-DOTRIACONTANE	18.874	215603	1.610 ug/ml
15) N-TETRATRIACONTANE	19.660	166724	1.375 ug/ml
16) N-HEXATRIACONTANE	20.401	133370	1.249 ug/ml
17) N-OCTATRIACONTANE	21.137	103421	1.078 ug/ml
18) N-TETRACONTANE	22.043	77899	0.886 ug/ml

(f)=RT Delta > 1/2 Window

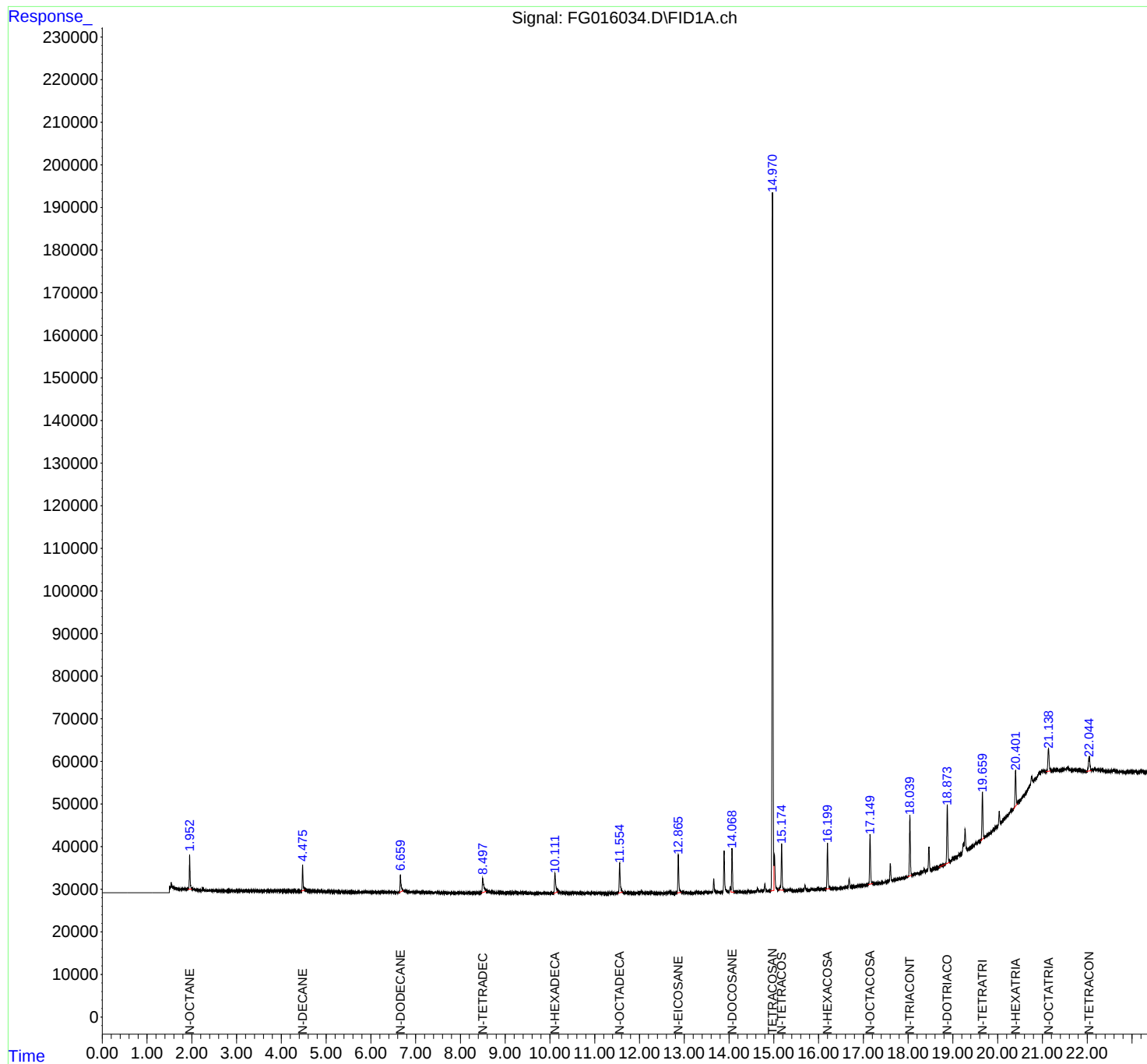
(m)=manual int.

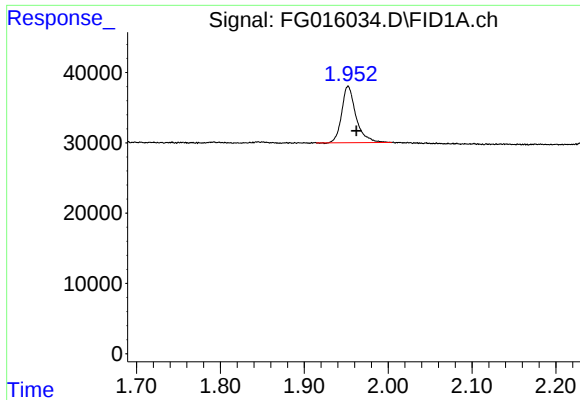
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
Data File : FG016034.D
Signal(s) : FID1A.ch
Acq On : 11 Jun 2025 03:51
Operator : YP\AJ
Sample : Q2126-01
Misc : 1 PPM SOIL LOD
ALS Vial : 77 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Integration File: autoint1.e
Quant Time: Jun 11 05:59:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
Quant Title :
QLast Update : Thu May 22 06:20:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

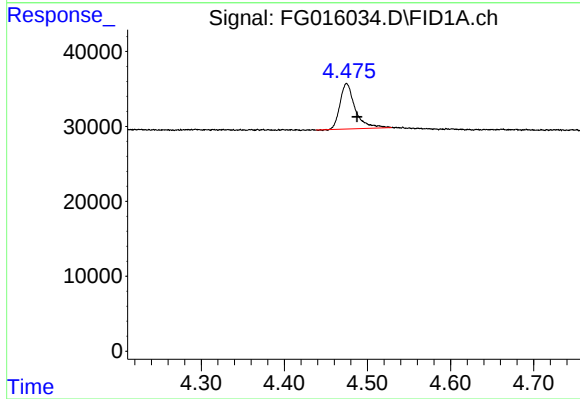




#1 N-OCTANE

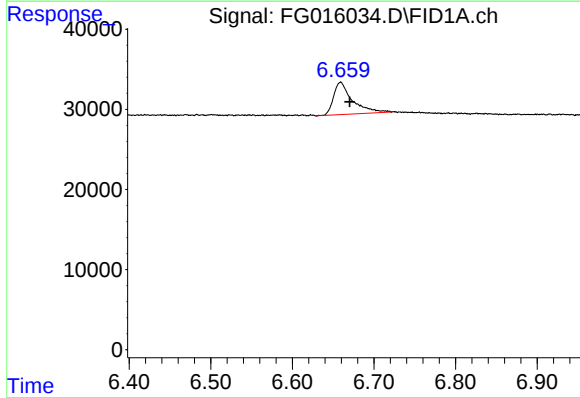
R.T.: 1.952 min
Delta R.T.: -0.010 min
Response: 95393
Conc: 0.81 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



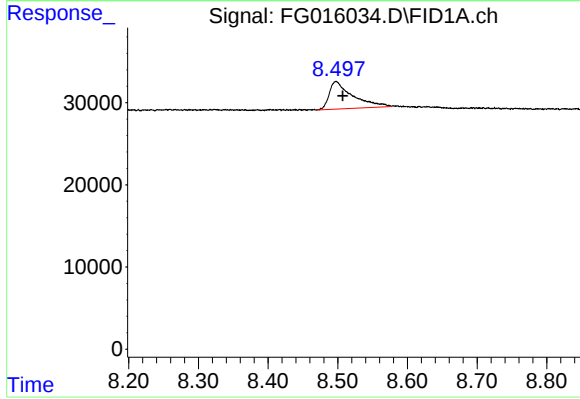
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.012 min
Response: 76840
Conc: 0.65 ug/ml



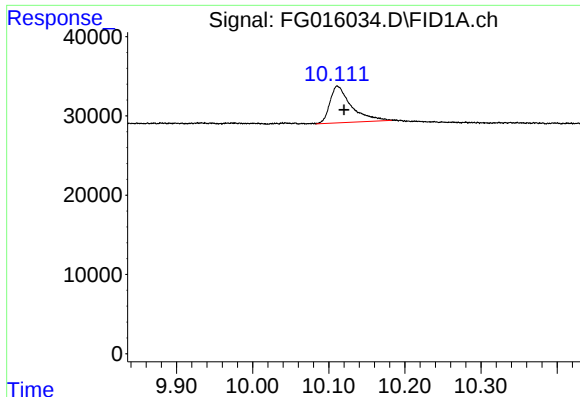
#3 N-DODECANE

R.T.: 6.659 min
Delta R.T.: -0.011 min
Response: 64621
Conc: 0.53 ug/ml



#4 N-TETRADECANE

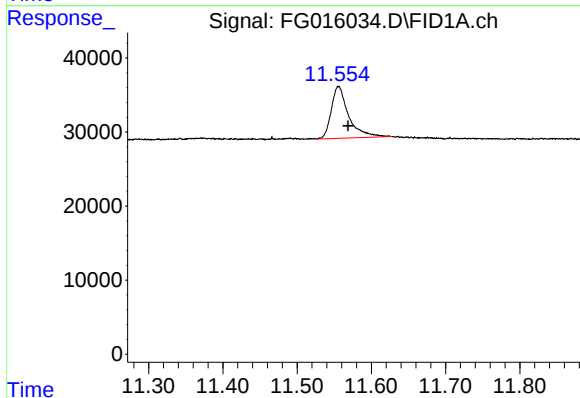
R.T.: 8.498 min
Delta R.T.: -0.009 min
Response: 78475
Conc: 0.61 ug/ml



#5 N-HEXADECANE

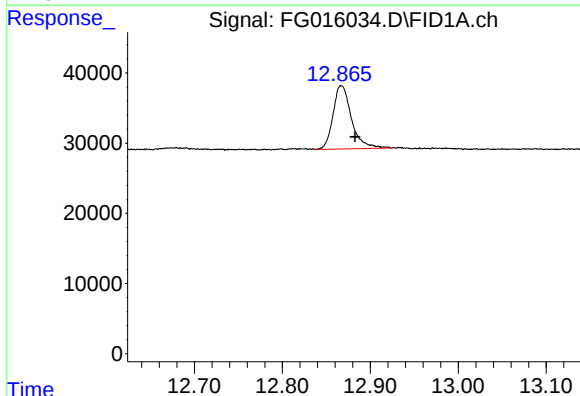
R.T.: 10.111 min
Delta R.T.: -0.009 min
Response: 90904
Conc: 0.68 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



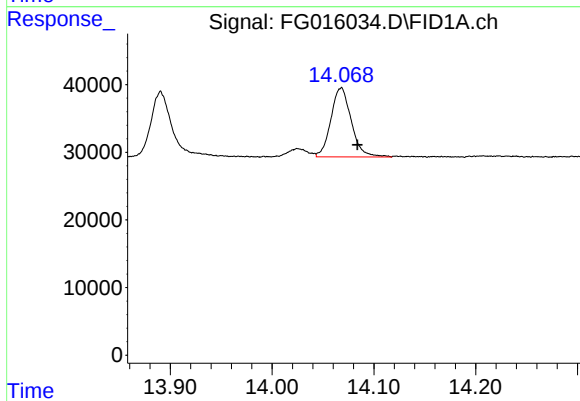
#6 N-OCTADECANE

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 113289
Conc: 0.82 ug/ml



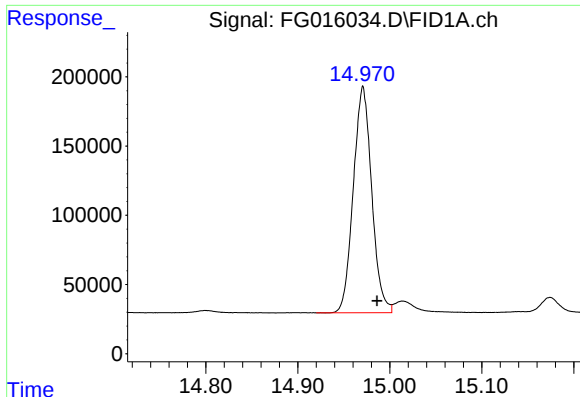
#7 N-EICOSANE

R.T.: 12.867 min
Delta R.T.: -0.016 min
Response: 131302
Conc: 0.93 ug/ml



#8 N-DOCOSANE

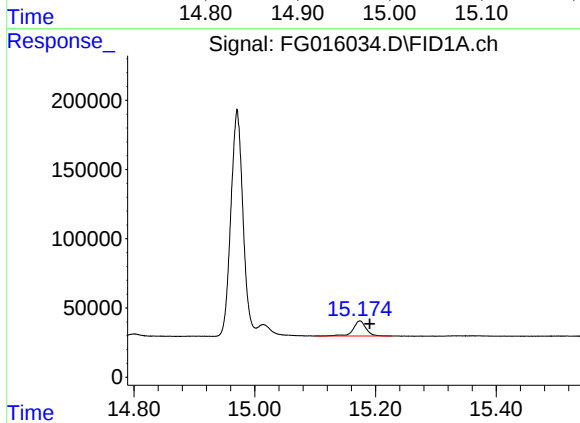
R.T.: 14.068 min
Delta R.T.: -0.016 min
Response: 142274
Conc: 1.04 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

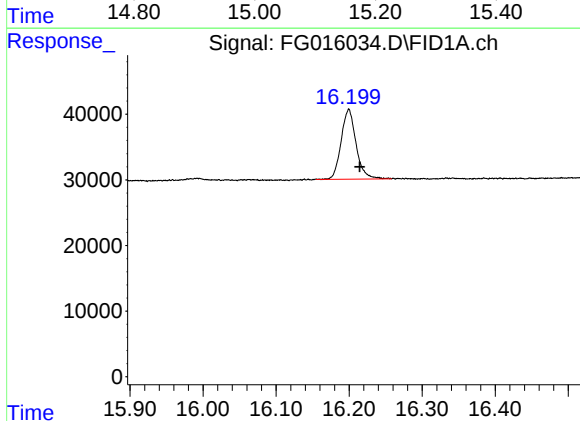
R.T.: 14.971 min
Delta R.T.: -0.015 min
Response: 2268017
Conc: 18.51 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



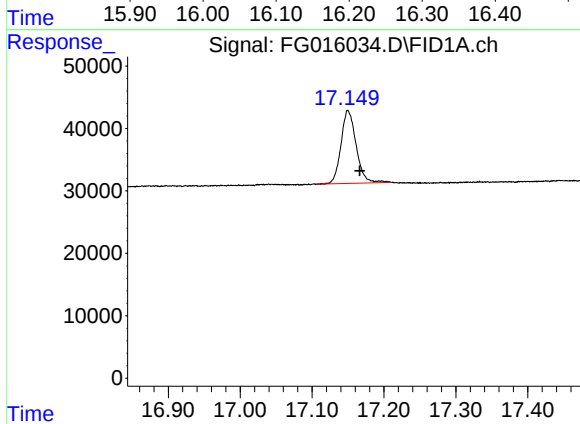
#10 N-TETRACOSANE

R.T.: 15.174 min
Delta R.T.: -0.016 min
Response: 160446
Conc: 1.17 ug/ml



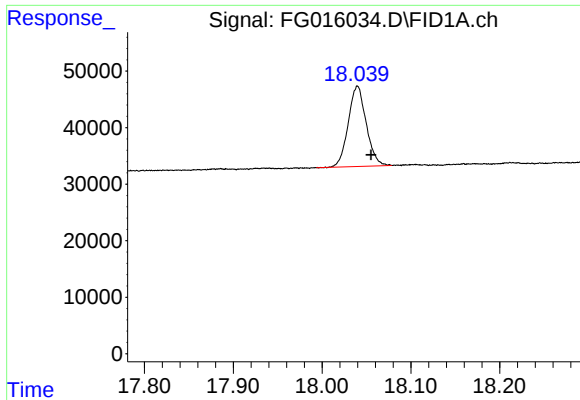
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.015 min
Response: 151158
Conc: 1.11 ug/ml



#12 N-OCTACOSANE

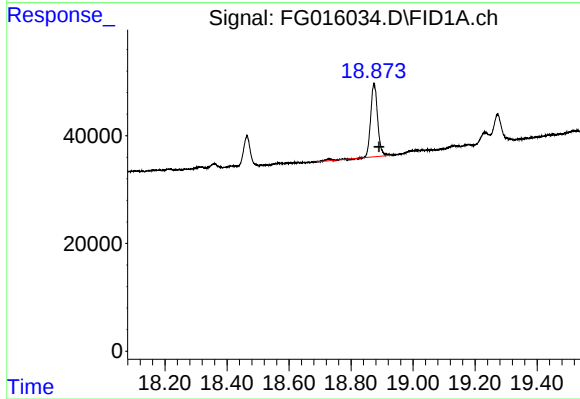
R.T.: 17.150 min
Delta R.T.: -0.016 min
Response: 170989
Conc: 1.27 ug/ml



#13 N-TRIACONTANE

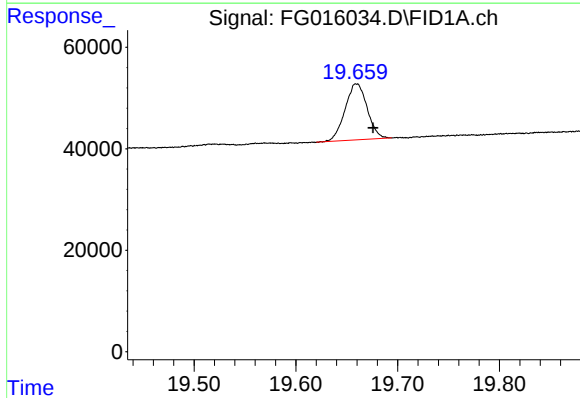
R.T.: 18.040 min
Delta R.T.: -0.015 min
Response: 199876
Conc: 1.46 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



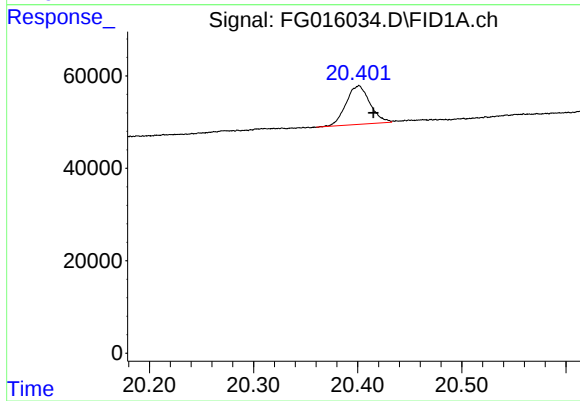
#14 N-DOTRIACONTANE

R.T.: 18.874 min
Delta R.T.: -0.016 min
Response: 215603
Conc: 1.61 ug/ml



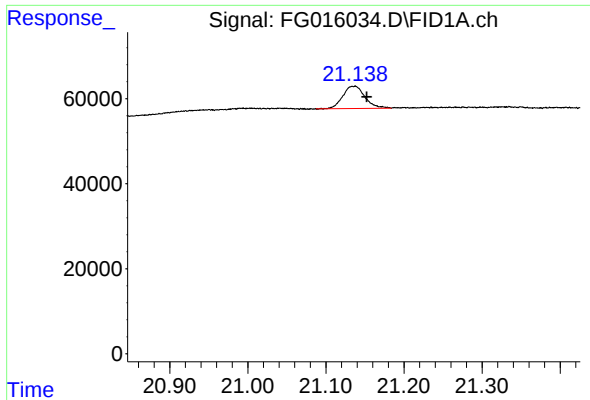
#15 N-TETRATRIACONTANE

R.T.: 19.660 min
Delta R.T.: -0.016 min
Response: 166724
Conc: 1.37 ug/ml



#16 N-HEXATRIACONTANE

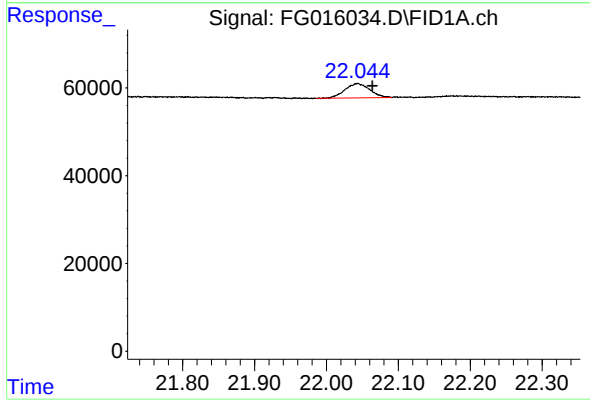
R.T.: 20.401 min
Delta R.T.: -0.014 min
Response: 133370
Conc: 1.25 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.137 min
Delta R.T.: -0.015 min
Response: 103421
Conc: 1.08 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



#18 N-TETRACONTANE

R.T.: 22.043 min
Delta R.T.: -0.020 min
Response: 77899
Conc: 0.89 ug/ml