

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016036.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 04:49
 Operator : YP\AJ
 Sample : Q2126-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 11 05:59:54 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...	14.969	2141568	17.473 ug/ml
Target Compounds			
1) N-OCTANE	1.951	482356	4.102 ug/ml
2) N-DECANE	4.473	480519	4.090 ug/ml
3) N-DODECANE	6.655	495749	4.085 ug/ml
4) N-TETRADECANE	8.491	531988	4.166 ug/ml
5) N-HEXADECANE	10.105	551088	4.136 ug/ml
6) N-OCTADECANE	11.552	602102	4.363 ug/ml
7) N-EICOSANE	12.864	623731	4.415 ug/ml
8) N-DOCOSANE	14.066	598171	4.355 ug/ml
10) N-TETRACOSANE	15.172	604875	4.400 ug/ml
11) N-HEXACOSANE	16.197	584250	4.300 ug/ml
12) N-OCTACOSANE	17.149	591134	4.384 ug/ml
13) N-TRIACONTANE	18.038	615344	4.510 ug/ml
14) N-DOTRIACONTANE	18.873	607556	4.536 ug/ml
15) N-TETRATRIACONTANE	19.658	556146	4.586 ug/ml
16) N-HEXATRIACONTANE	20.400	479101	4.487 ug/ml
17) N-OCTATRIACONTANE	21.134	432644	4.508 ug/ml
18) N-TETRACONTANE	22.040	398086	4.526 ug/ml

(f)=RT Delta > 1/2 Window

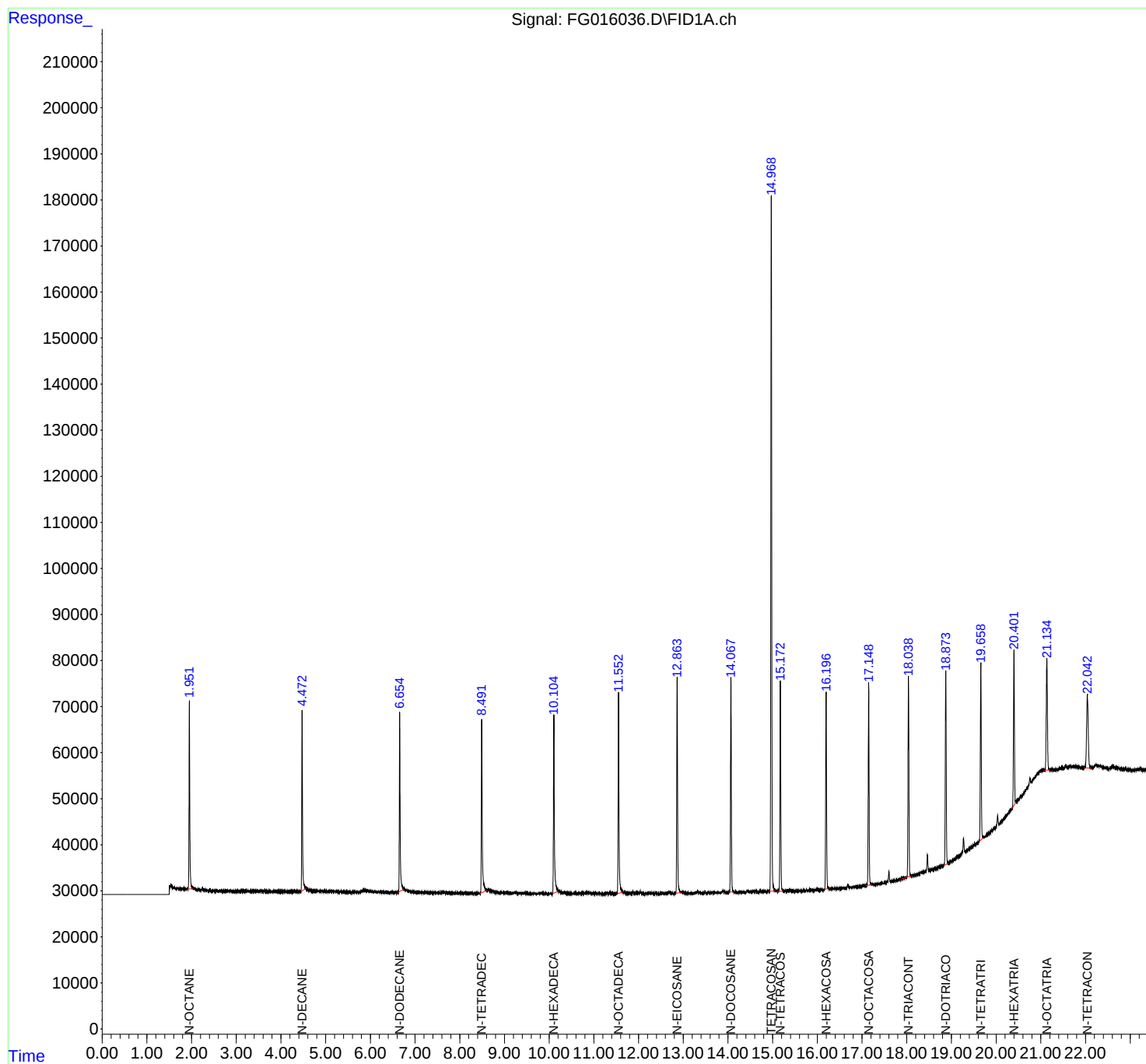
(m)=manual int.

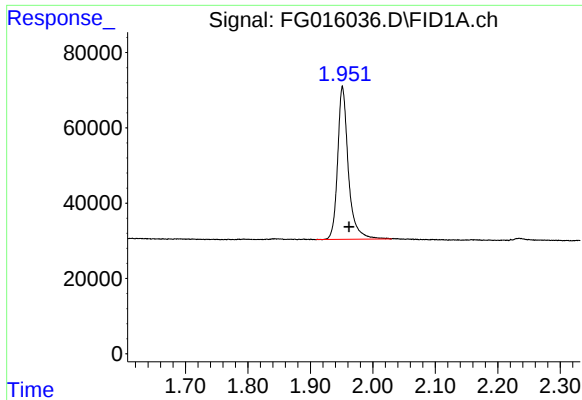
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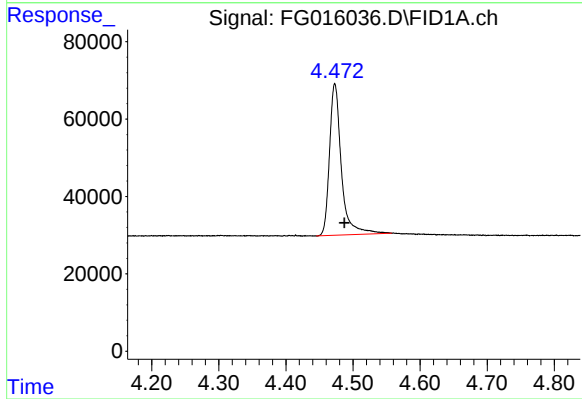




#1 N-OCTANE

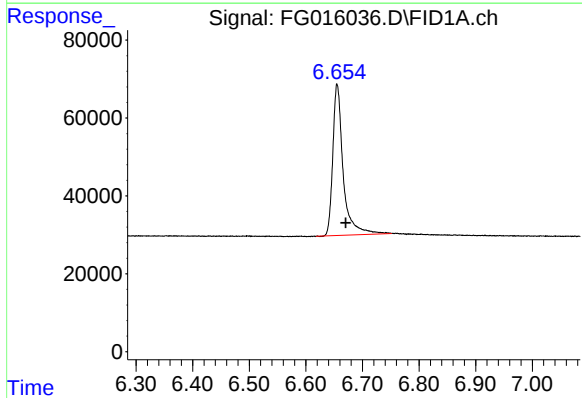
R.T.: 1.951 min
Delta R.T.: -0.011 min
Response: 482356
Conc: 4.10 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



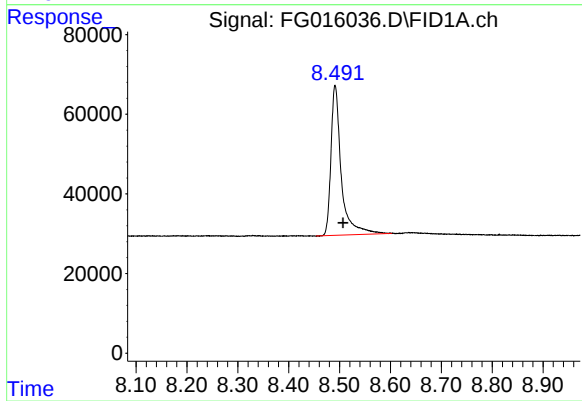
#2 N-DECANE

R.T.: 4.473 min
Delta R.T.: -0.014 min
Response: 480519
Conc: 4.09 ug/ml



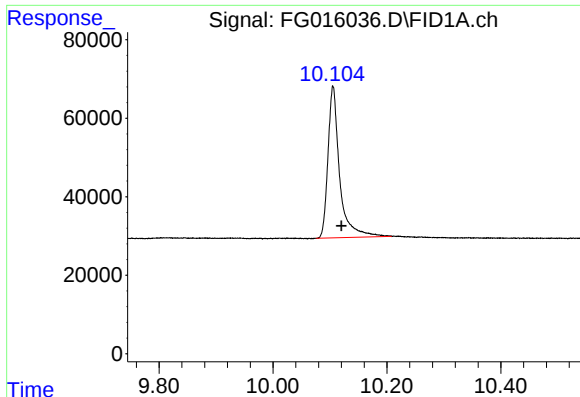
#3 N-DODECANE

R.T.: 6.655 min
Delta R.T.: -0.015 min
Response: 495749
Conc: 4.08 ug/ml



#4 N-TETRADECANE

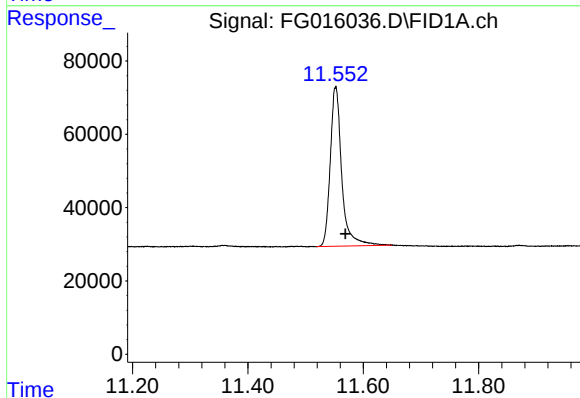
R.T.: 8.491 min
Delta R.T.: -0.016 min
Response: 531988
Conc: 4.17 ug/ml



#5 N-HEXADECANE

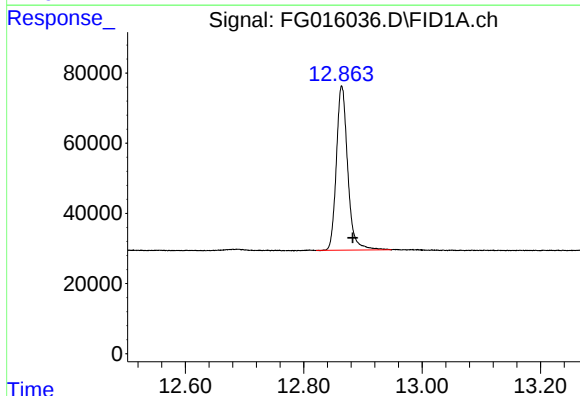
R.T.: 10.105 min
Delta R.T.: -0.015 min
Response: 551088
Conc: 4.14 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



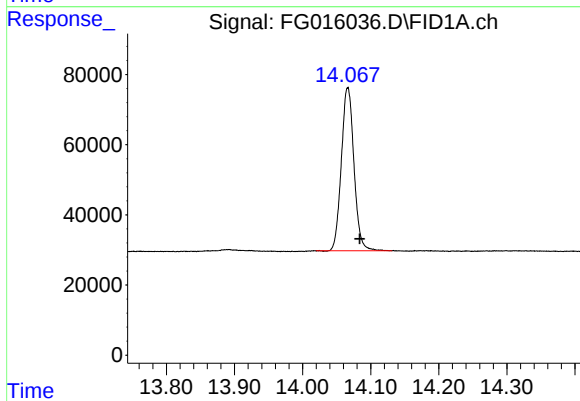
#6 N-OCTADECANE

R.T.: 11.552 min
Delta R.T.: -0.017 min
Response: 602102
Conc: 4.36 ug/ml



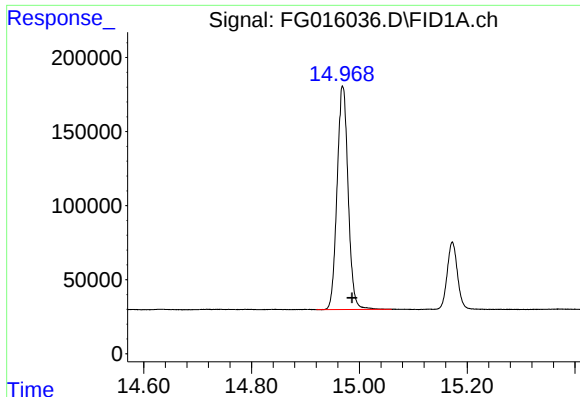
#7 N-EICOSANE

R.T.: 12.864 min
Delta R.T.: -0.018 min
Response: 623731
Conc: 4.41 ug/ml



#8 N-DOCOSANE

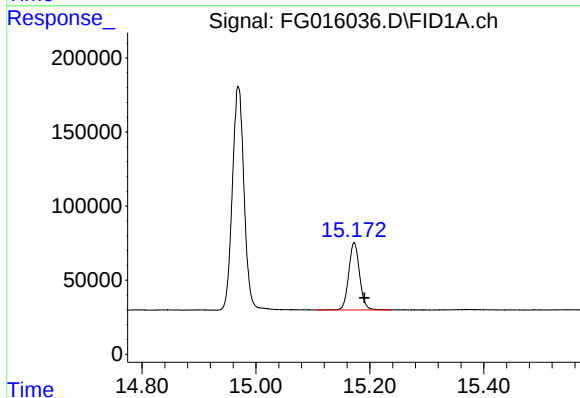
R.T.: 14.066 min
Delta R.T.: -0.017 min
Response: 598171
Conc: 4.35 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

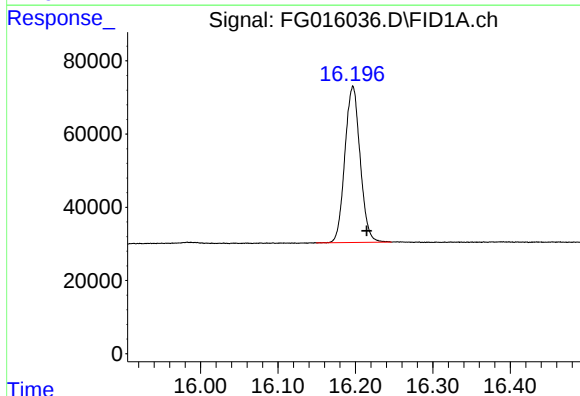
R.T.: 14.969 min
Delta R.T.: -0.017 min
Response: 2141568
Conc: 17.47 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



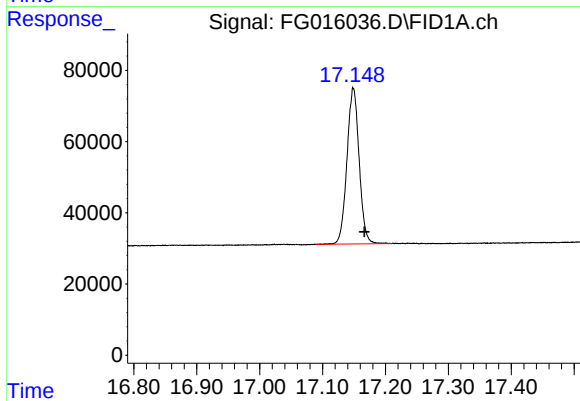
#10 N-TETRACOSANE

R.T.: 15.172 min
Delta R.T.: -0.018 min
Response: 604875
Conc: 4.40 ug/ml



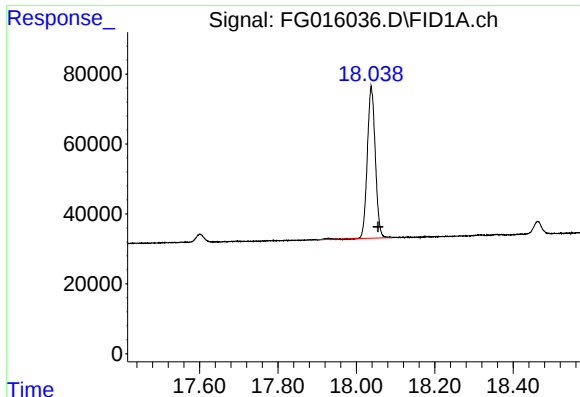
#11 N-HEXACOSANE

R.T.: 16.197 min
Delta R.T.: -0.018 min
Response: 584250
Conc: 4.30 ug/ml



#12 N-OCTACOSANE

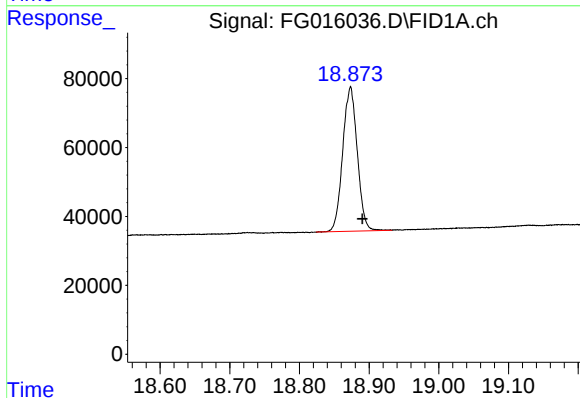
R.T.: 17.149 min
Delta R.T.: -0.017 min
Response: 591134
Conc: 4.38 ug/ml



#13 N-TRIACONTANE

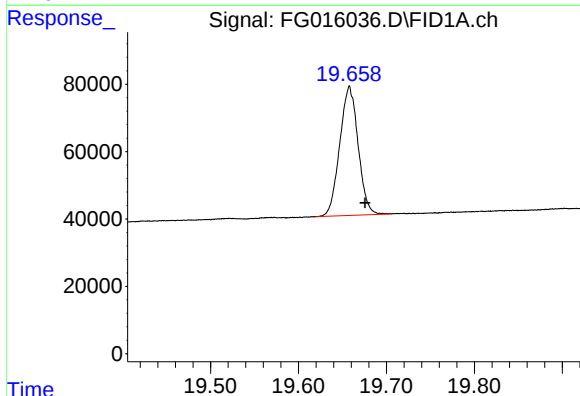
R.T.: 18.038 min
Delta R.T.: -0.017 min
Response: 615344
Conc: 4.51 ug/ml

Instrument :
FID_G
ClientSampleId :
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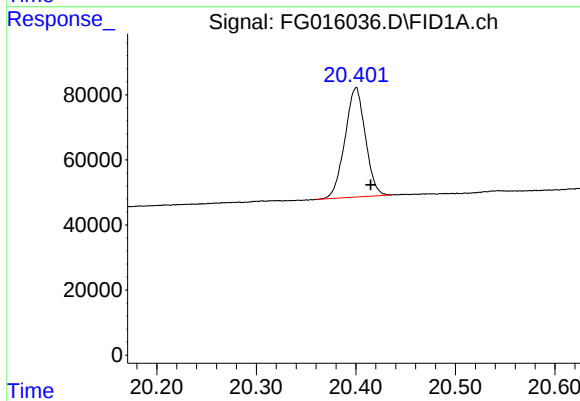
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: -0.017 min
Response: 607556
Conc: 4.54 ug/ml



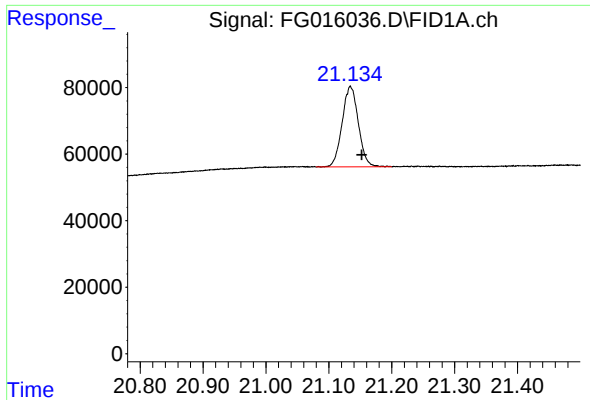
#15 N-TETRATRIACONTANE

R.T.: 19.658 min
Delta R.T.: -0.018 min
Response: 556146
Conc: 4.59 ug/ml



#16 N-HEXATRIACONTANE

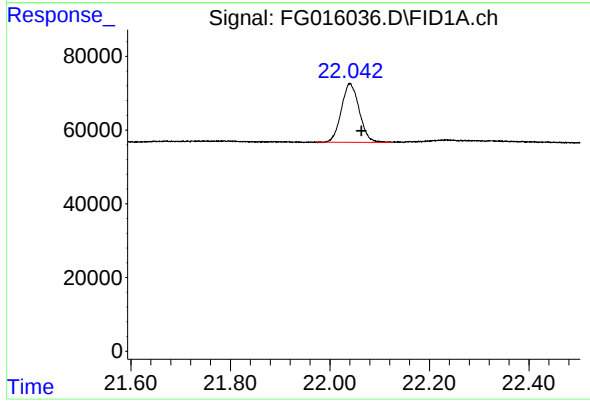
R.T.: 20.400 min
Delta R.T.: -0.015 min
Response: 479101
Conc: 4.49 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.134 min
Delta R.T.: -0.018 min
Response: 432644
Conc: 4.51 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



#18 N-TETRACONTANE

R.T.: 22.040 min
Delta R.T.: -0.023 min
Response: 398086
Conc: 4.53 ug/ml