

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082525\
 Data File : FF016210.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2025 22:02
 Operator : YP\AJ
 Sample : Q2893-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 26 04:26:16 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...	15.078	2243242	20.097 ug/ml
Target Compounds			
1) N-OCTANE	2.061	124711	1.096 ug/ml
2) N-DECANE	4.598	132791	1.141 ug/ml
3) N-DODECANE	6.775	130073	1.101 ug/ml
4) N-TETRADECANE	8.609	140225	1.160 ug/ml
5) N-HEXADECANE	10.220	139274	1.146 ug/ml
6) N-OCTADECANE	11.664	150493	1.202 ug/ml
7) N-EICOSANE	12.976	155312	1.200 ug/ml
8) N-DOCOSANE	14.176	153319	1.213 ug/ml
10) N-TETRACOSANE	15.281	155505	1.227 ug/ml
11) N-HEXACOSANE	16.305	148077	1.196 ug/ml
12) N-OCTACOSANE	17.258	154698	1.236 ug/ml
13) N-TRIACONTANE	18.148	170017	1.331 ug/ml
14) N-DOTRIACONTANE	18.983	176181	1.416 ug/ml
15) N-TETRATRIACONTANE	19.770	151986	1.358 ug/ml
16) N-HEXATRIACONTANE	20.513	119430	1.298 ug/ml
17) N-OCTATRIACONTANE	21.273	101238	1.325 ug/ml
18) N-TETRACONTANE	22.227	84369	1.284 ug/ml

(f)=RT Delta > 1/2 Window

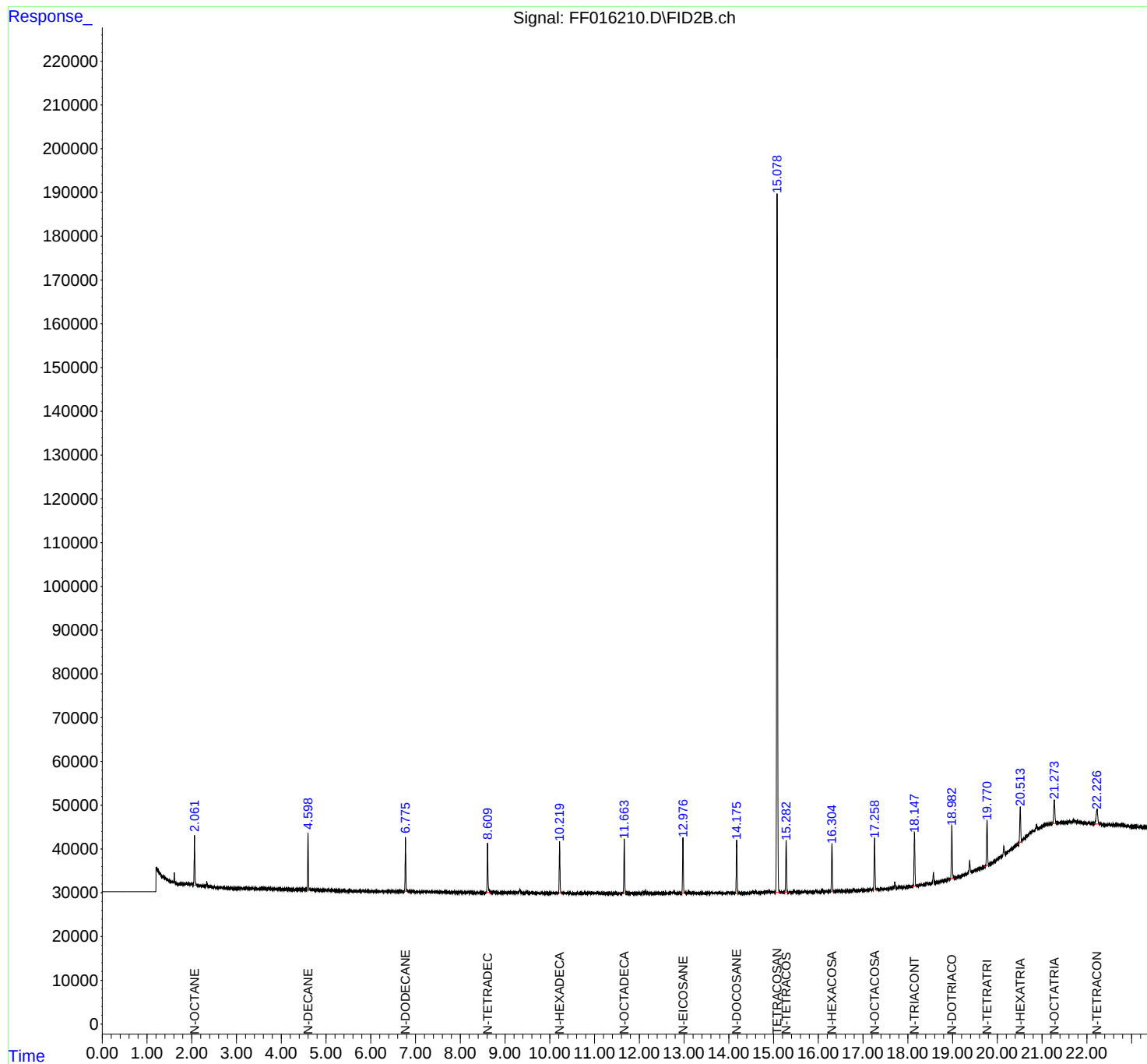
(m)=manual int.

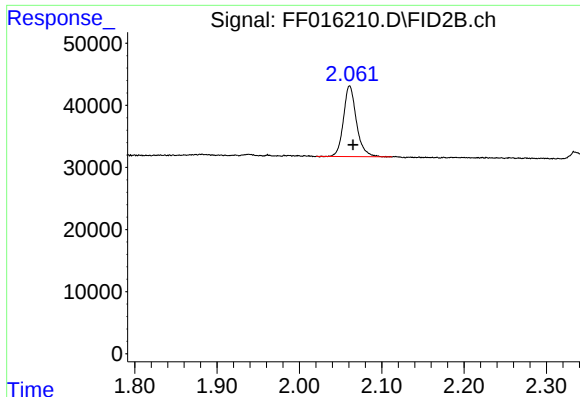
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Signal Info : 20mx0.18mmx0.18um

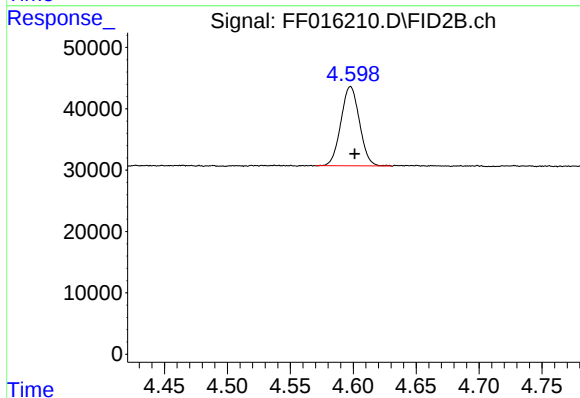




#1 N-OCTANE

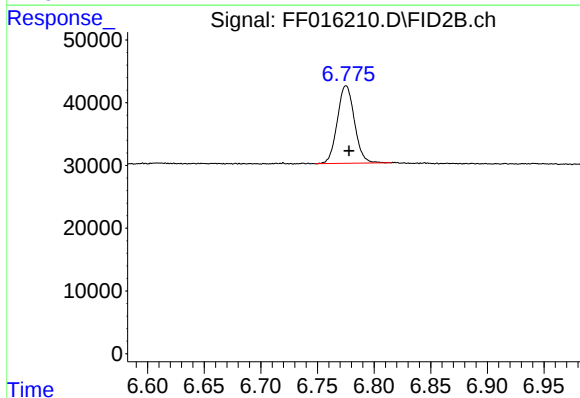
R.T.: 2.061 min
Delta R.T.: -0.004 min
Response: 124711
Conc: 1.10 ug/ml

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



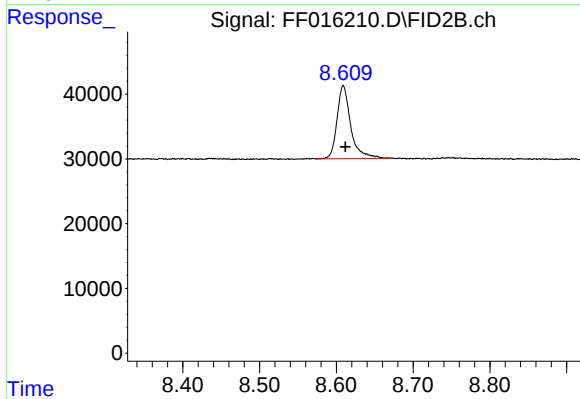
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.003 min
Response: 132791
Conc: 1.14 ug/ml



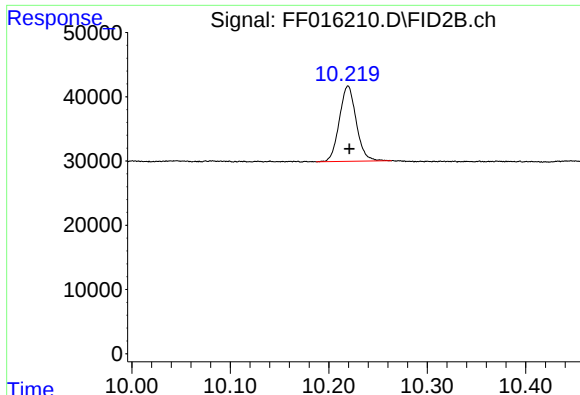
#3 N-DODECANE

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 130073
Conc: 1.10 ug/ml



#4 N-TETRADECANE

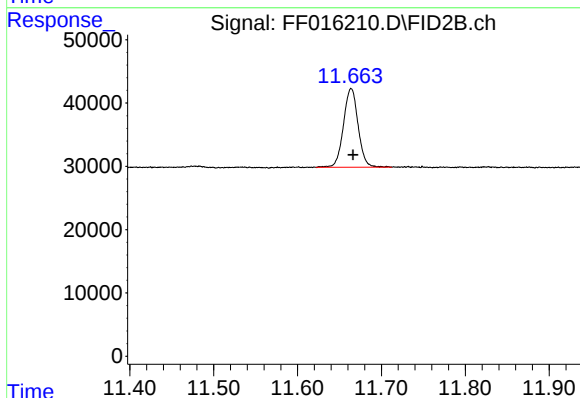
R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 140225
Conc: 1.16 ug/ml



#5 N-HEXADECANE

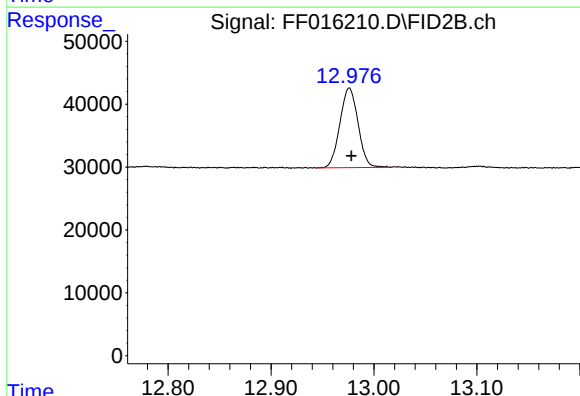
R.T.: 10.220 min
Delta R.T.: -0.001 min
Response: 139274
Conc: 1.15 ug/ml

Instrument :
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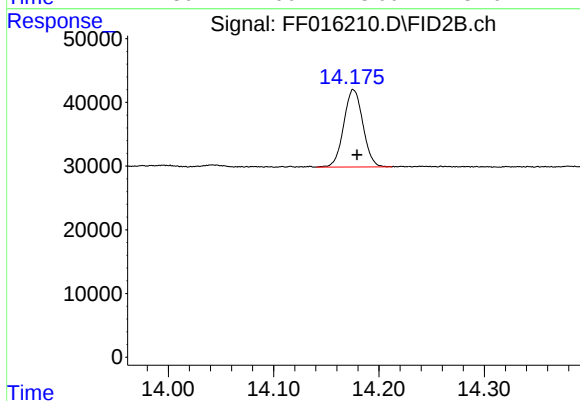
#6 N-OCTADECANE

R.T.: 11.664 min
Delta R.T.: -0.002 min
Response: 150493
Conc: 1.20 ug/ml



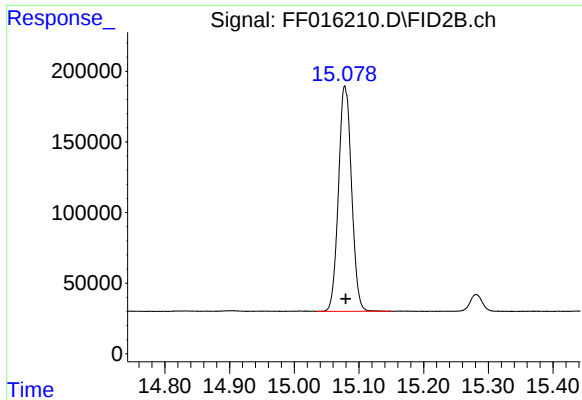
#7 N-EICOSANE

R.T.: 12.976 min
Delta R.T.: -0.002 min
Response: 155312
Conc: 1.20 ug/ml



#8 N-DOCOSANE

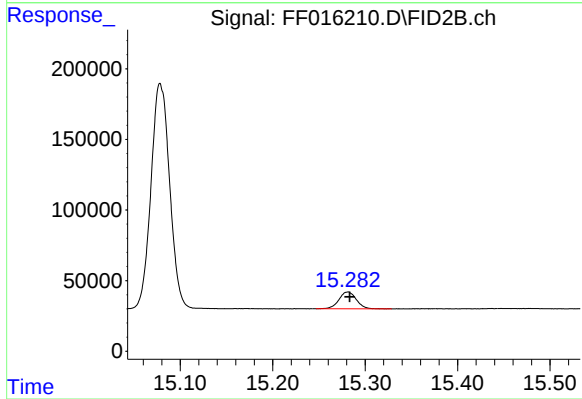
R.T.: 14.176 min
Delta R.T.: -0.003 min
Response: 153319
Conc: 1.21 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

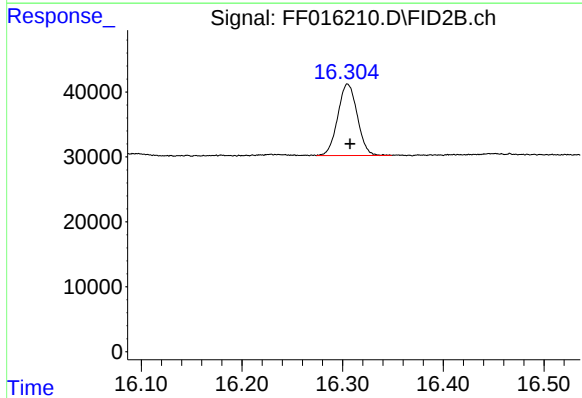
R.T.: 15.078 min
Delta R.T.: -0.001 min
Response: 2243242
Conc: 20.10 ug/ml

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LOD-MDL-SOIL-04-QT3-2025



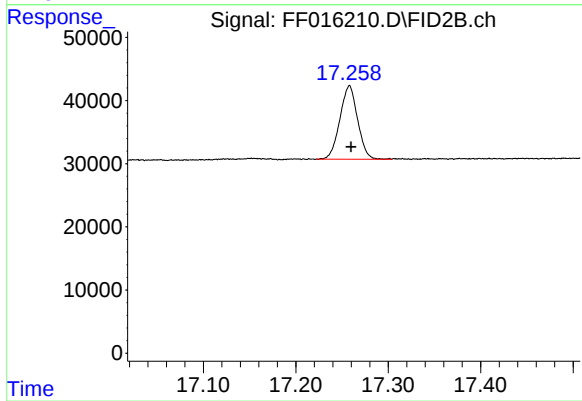
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: -0.002 min
Response: 155505
Conc: 1.23 ug/ml



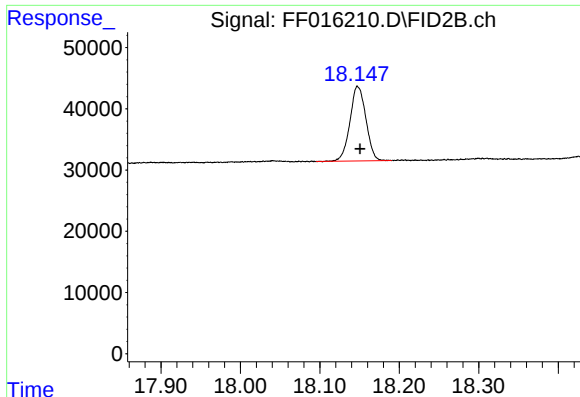
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.003 min
Response: 148077
Conc: 1.20 ug/ml



#12 N-OCTACOSANE

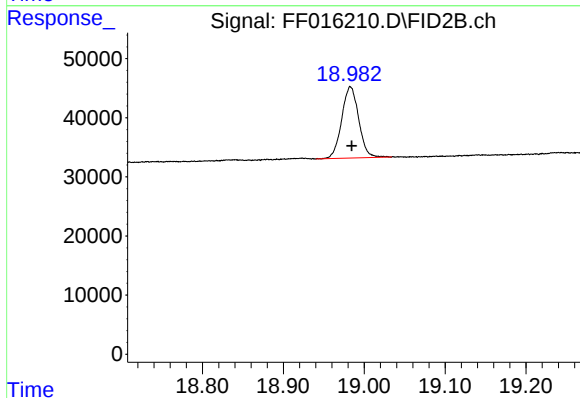
R.T.: 17.258 min
Delta R.T.: -0.002 min
Response: 154698
Conc: 1.24 ug/ml



#13 N-TRIACONTANE

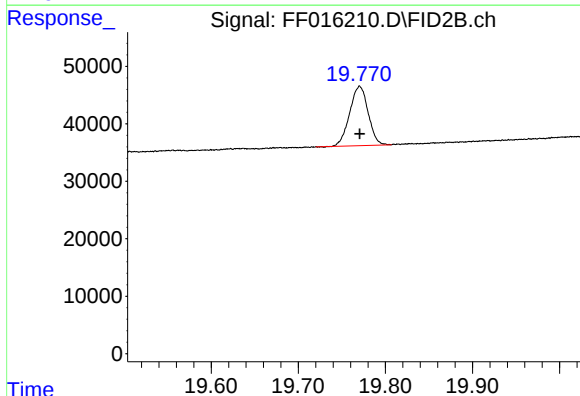
R.T.: 18.148 min
Delta R.T.: -0.003 min
Response: 170017
Conc: 1.33 ug/ml

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



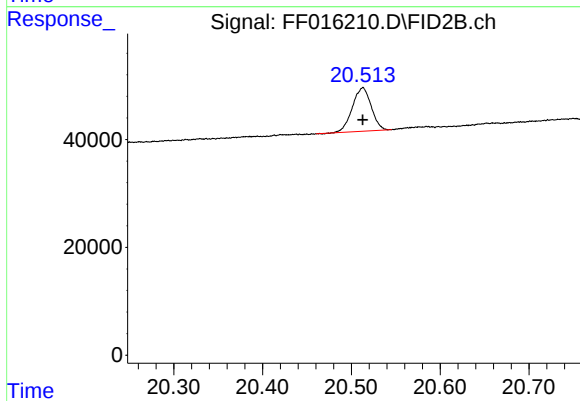
#14 N-DOTRIACONTANE

R.T.: 18.983 min
Delta R.T.: -0.002 min
Response: 176181
Conc: 1.42 ug/ml



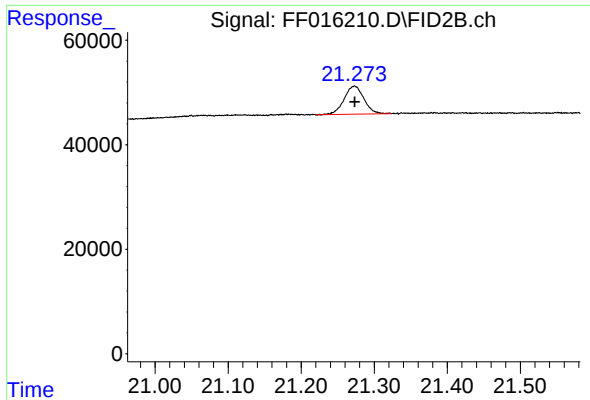
#15 N-TETRATRIACONTANE

R.T.: 19.770 min
Delta R.T.: 0.000 min
Response: 151986
Conc: 1.36 ug/ml



#16 N-HEXATRIACONTANE

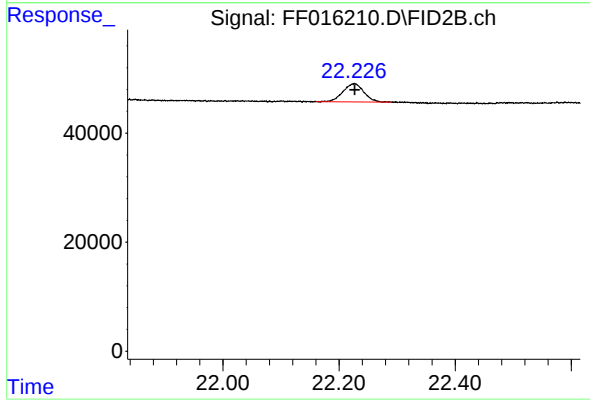
R.T.: 20.513 min
Delta R.T.: 0.000 min
Response: 119430
Conc: 1.30 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.273 min
Delta R.T.: 0.000 min
Response: 101238
Conc: 1.33 ug/ml

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



#18 N-TETRACONTANE

R.T.: 22.227 min
Delta R.T.: 0.000 min
Response: 84369
Conc: 1.28 ug/ml