

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082625\
 Data File : FF016223.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 11:37
 Operator : YP\AJ
 Sample : Q2893-04
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 26 11:45:57 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...	15.077	2280687	20.432 ug/ml
Target Compounds			
1) N-OCTANE	2.063	126766	1.114 ug/ml
2) N-DECANE	4.597	135589	1.165 ug/ml
3) N-DODECANE	6.774	130786	1.107 ug/ml
4) N-TETRADECANE	8.608	139263	1.152 ug/ml
5) N-HEXADECANE	10.217	142937	1.176 ug/ml
6) N-OCTADECANE	11.662	153719	1.228 ug/ml
7) N-EICOSANE	12.974	158543	1.225 ug/ml
8) N-DOCOSANE	14.174	154489	1.222 ug/ml
10) N-TETRACOSANE	15.280	157457	1.242 ug/ml
11) N-HEXACOSANE	16.303	148782	1.202 ug/ml
12) N-OCTACOSANE	17.255	157905	1.262 ug/ml
13) N-TRIACONTANE	18.145	181100	1.418 ug/ml
14) N-DOTRIACONTANE	18.980	192116	1.544 ug/ml
15) N-TETRATRIACONTANE	19.767	163127	1.458 ug/ml
16) N-HEXATRIACONTANE	20.510	124484	1.353 ug/ml
17) N-OCTATRIACONTANE	21.270	104648	1.370 ug/ml
18) N-TETRACONTANE	22.220	85570	1.302 ug/ml

(f)=RT Delta > 1/2 Window

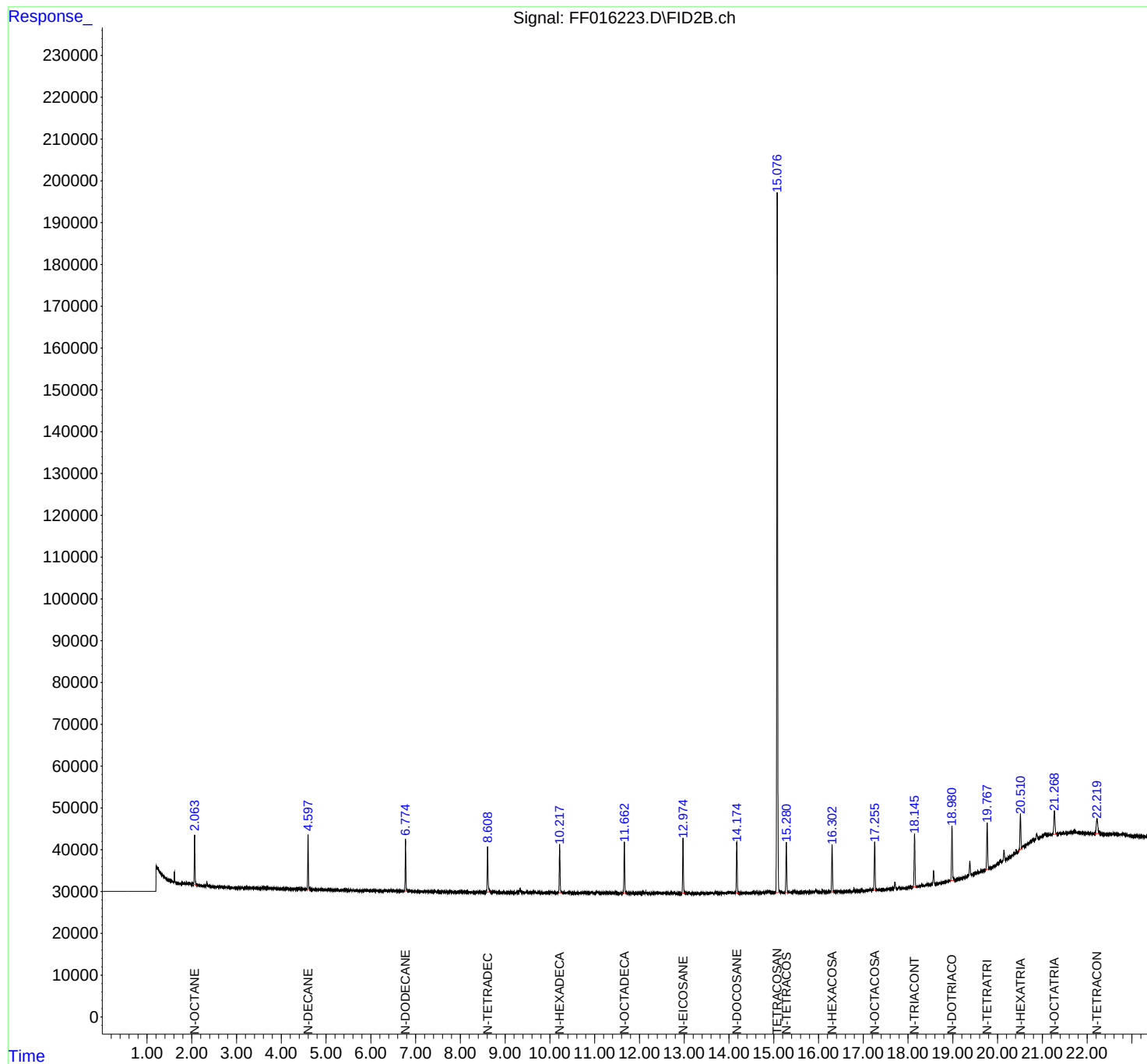
(m)=manual int.

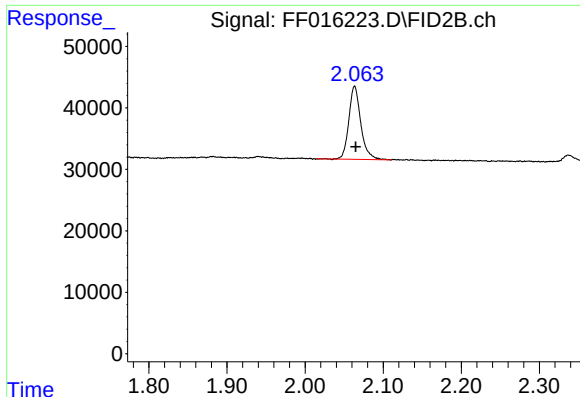
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

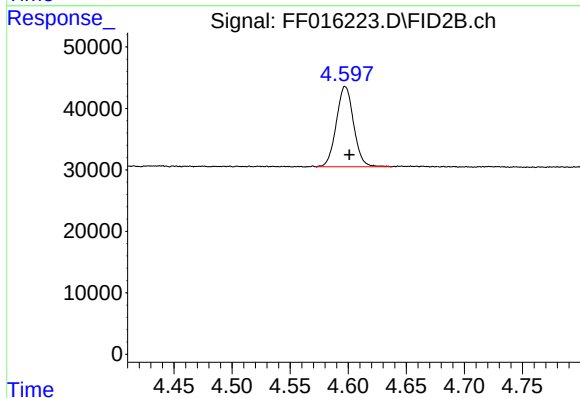




#1 N-OCTANE

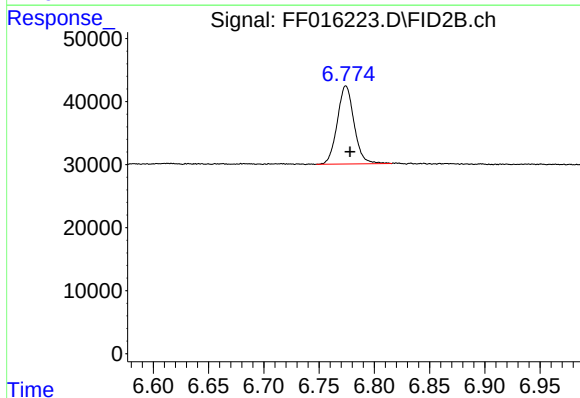
R.T.: 2.063 min
Delta R.T.: -0.002 min
Response: 126766
Conc: 1.11 ug/ml

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



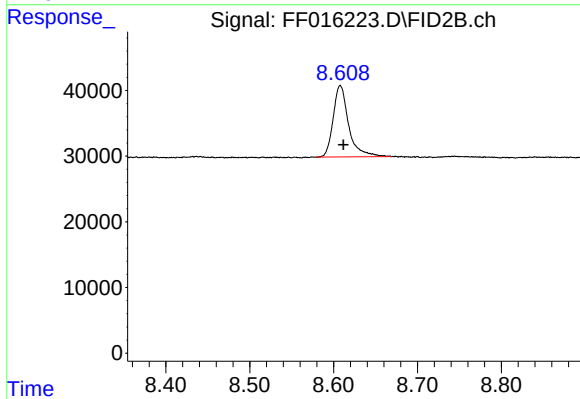
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 135589
Conc: 1.16 ug/ml



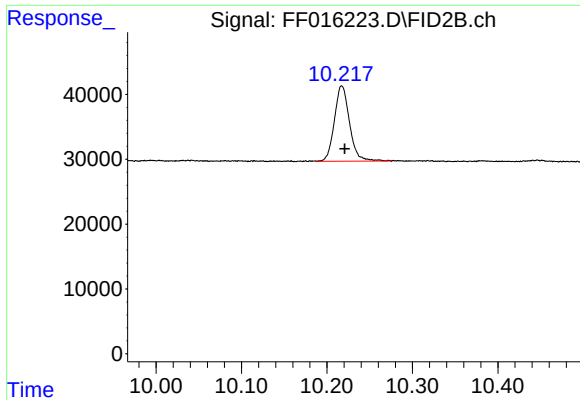
#3 N-DODECANE

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 130786
Conc: 1.11 ug/ml



#4 N-TETRADECANE

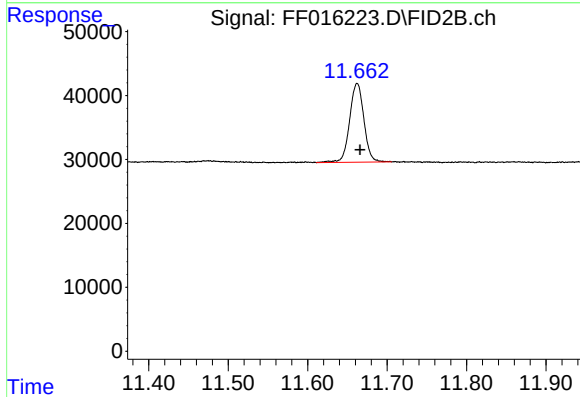
R.T.: 8.608 min
Delta R.T.: -0.003 min
Response: 139263
Conc: 1.15 ug/ml



#5 N-HEXADECANE

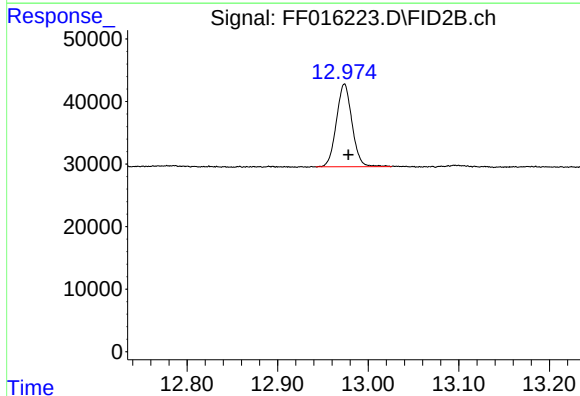
R.T.: 10.217 min
Delta R.T.: -0.003 min
Response: 142937
Conc: 1.18 ug/ml

Instrument :
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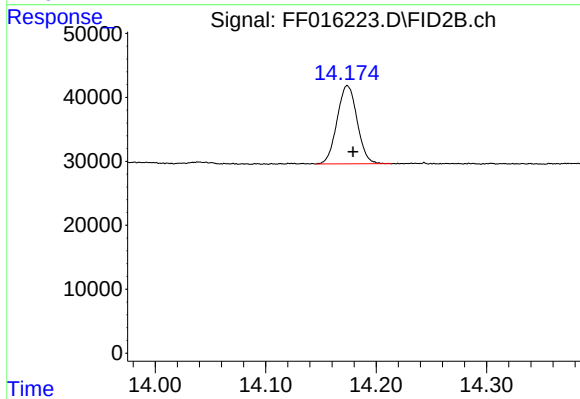
#6 N-OCTADECANE

R.T.: 11.662 min
Delta R.T.: -0.004 min
Response: 153719
Conc: 1.23 ug/ml



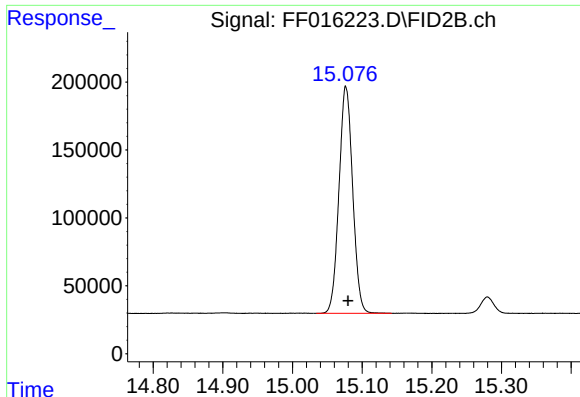
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.004 min
Response: 158543
Conc: 1.23 ug/ml



#8 N-DOCOSANE

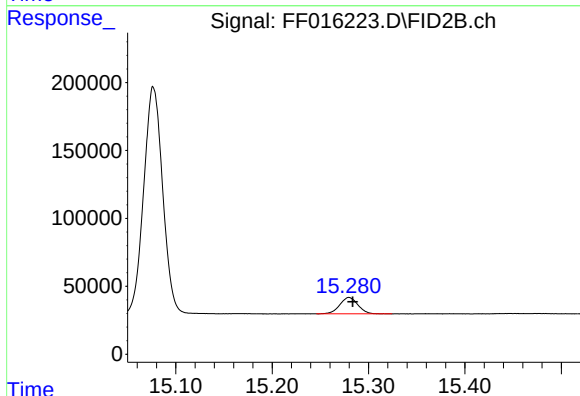
R.T.: 14.174 min
Delta R.T.: -0.005 min
Response: 154489
Conc: 1.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

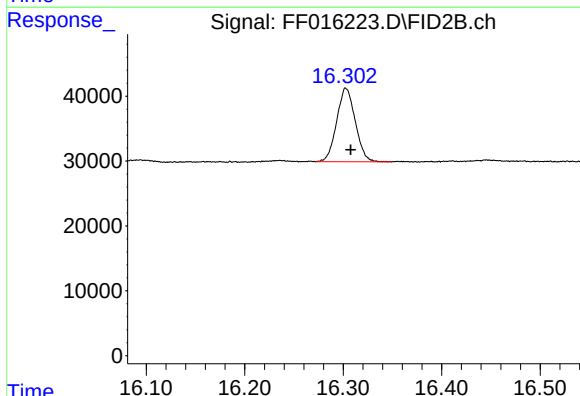
R.T.: 15.077 min
Delta R.T.: -0.003 min
Response: 2280687
Conc: 20.43 ug/ml

Instrument :
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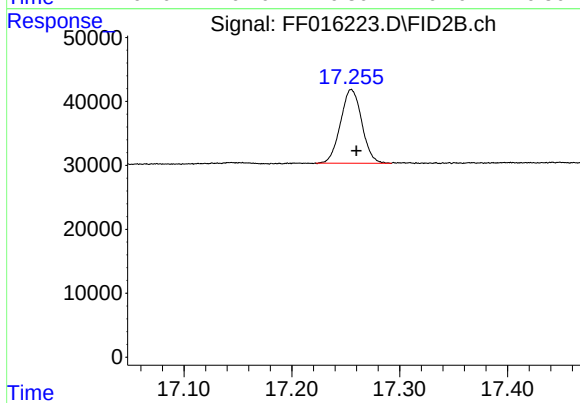
#10 N-TETRACOSANE

R.T.: 15.280 min
Delta R.T.: -0.004 min
Response: 157457
Conc: 1.24 ug/ml



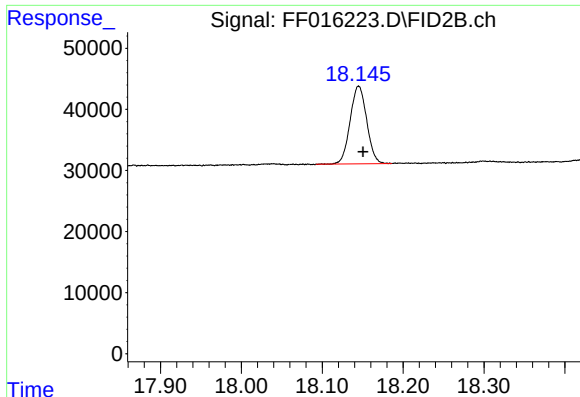
#11 N-HEXACOSANE

R.T.: 16.303 min
Delta R.T.: -0.005 min
Response: 148782
Conc: 1.20 ug/ml



#12 N-OCTACOSANE

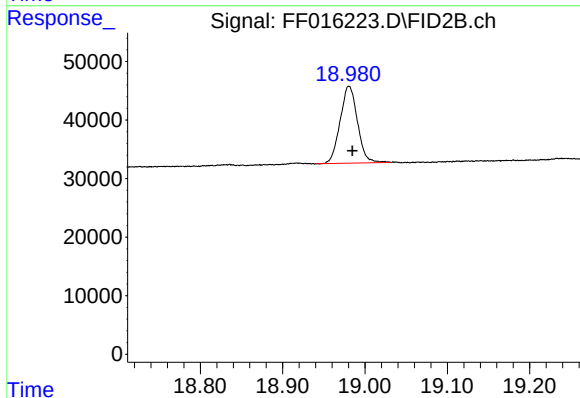
R.T.: 17.255 min
Delta R.T.: -0.005 min
Response: 157905
Conc: 1.26 ug/ml



#13 N-TRIACONTANE

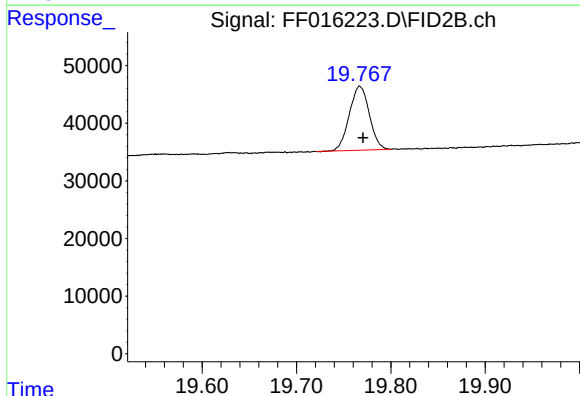
R.T.: 18.145 min
Delta R.T.: -0.005 min
Response: 181100
Conc: 1.42 ug/ml

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



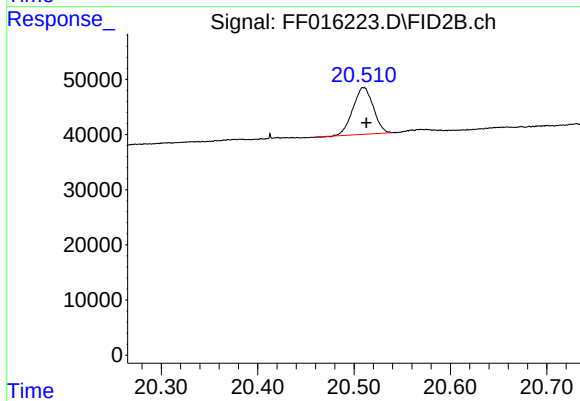
#14 N-DOTRIACONTANE

R.T.: 18.980 min
Delta R.T.: -0.004 min
Response: 192116
Conc: 1.54 ug/ml



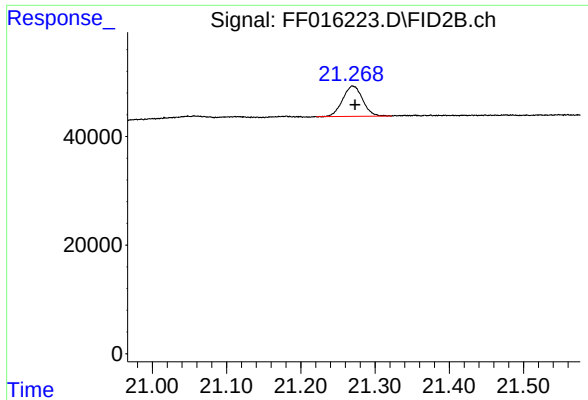
#15 N-TETRATRIACONTANE

R.T.: 19.767 min
Delta R.T.: -0.004 min
Response: 163127
Conc: 1.46 ug/ml



#16 N-HEXATRIACONTANE

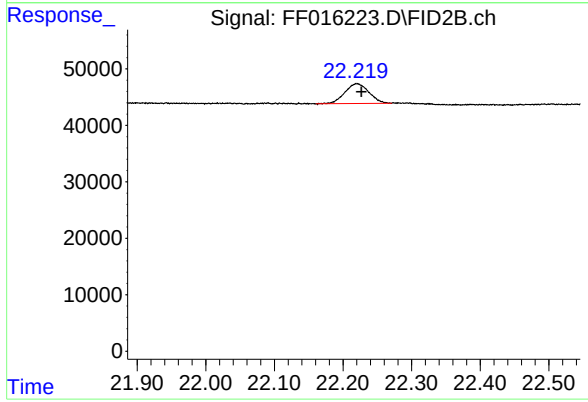
R.T.: 20.510 min
Delta R.T.: -0.003 min
Response: 124484
Conc: 1.35 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.270 min
Delta R.T.: -0.004 min
Response: 104648
Conc: 1.37 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.220 min
Delta R.T.: -0.007 min
Response: 85570
Conc: 1.30 ug/ml