

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051120\
 Data File : FE031969.D
 Signal(s) : FID1B.CH
 Acq On : 11 May 2020 14:57
 Operator : DD\AJ
 Sample : L2182-01
 Misc : LOD-2.5 PPM-SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2020

Integration File: autoint1.e
 Quant Time: May 12 00:48:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE050720.M
 Quant Title :
 QLast Update : Thu May 07 13:58:31 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	14.359	7009470	18.085 ug/ml
Target Compounds			
1) N-OCTANE	2.144	740459	1.830 ug/ml
2) N-DECANE	4.132	710120	1.781 ug/ml
3) N-DODECANE	6.181	605449	1.498 ug/ml
4) N-TETRADECANE	7.957	784736	1.879 ug/ml
5) N-HEXADECANE	9.522	334529	0.782 ug/ml
6) N-OCTADECANE	10.962	923963	2.060 ug/ml
7) N-EICOSANE	12.270	939318	2.118 ug/ml
8) N-DOCOSANE	13.462	1009764	2.253 ug/ml
10) N-TETRACOSANE	14.561	1217266	2.750 ug/ml
11) N-HEXACOSANE	15.583	977312	2.234 ug/ml
12) N-OCTACOSANE	16.533	1021729	2.353 ug/ml
13) N-TRIACONTANE	17.419	1055572	2.429 ug/ml
14) N-DOTRIACONTANE	18.253	985805	2.364 ug/ml
15) N-TETRATRIACONTANE	19.035	833679	2.109 ug/ml
16) N-HEXATRIACONTANE	19.776	730226	1.965 ug/ml
17) N-OCTATRIACONTANE	20.478	600386	1.786 ug/ml
18) N-TETRACONTANE	21.278	605542	1.790 ug/ml

(f)=RT Delta > 1/2 Window

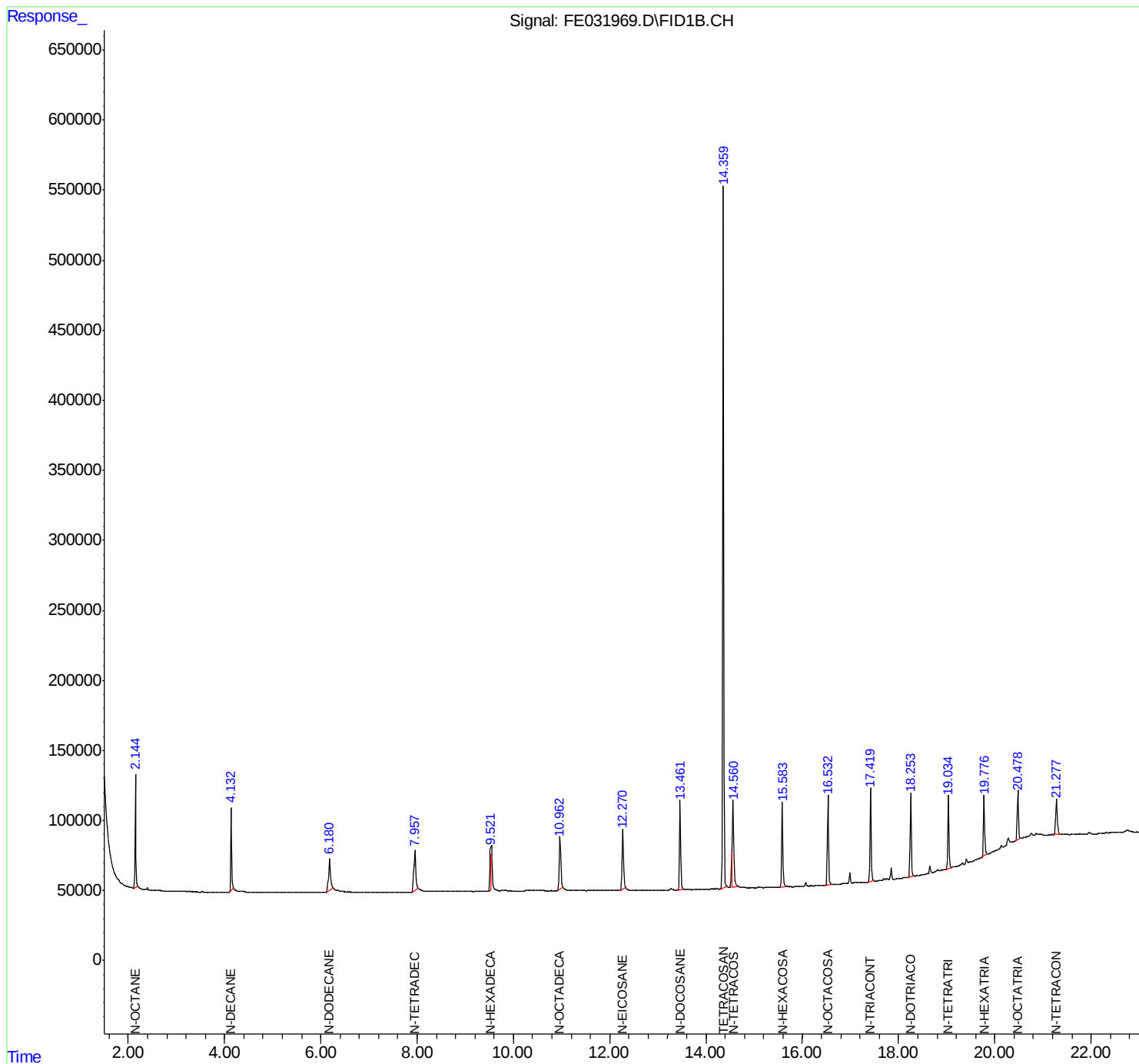
(m)=manual int.

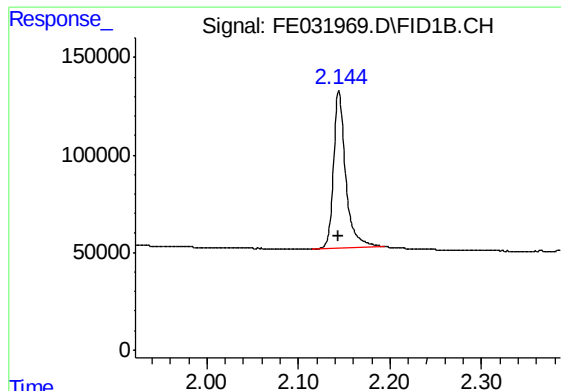
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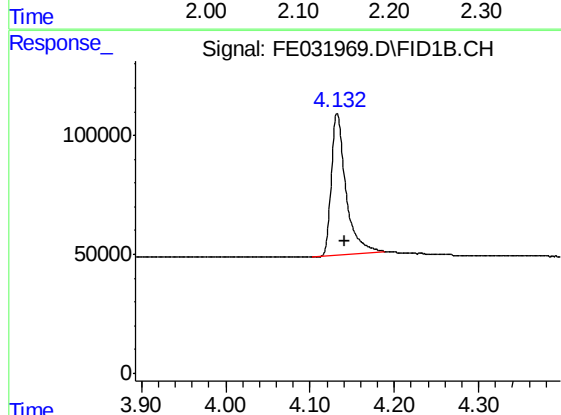




#1 N-OCTANE

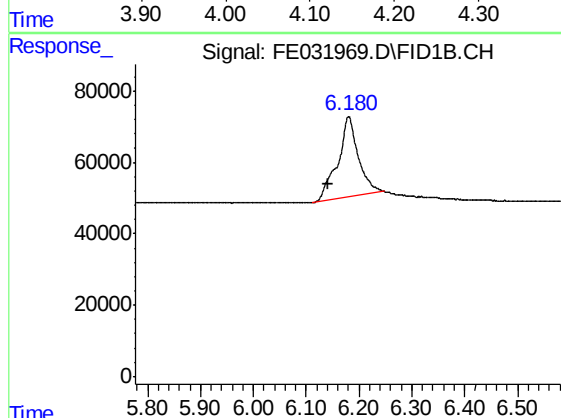
R.T.: 2.144 min
Delta R.T.: 0.000 min
Response: 740459
Conc: 1.83 ug/ml

Instrument :
FID_E
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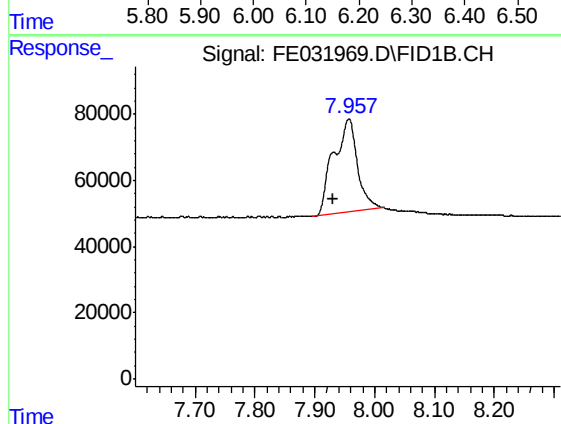
#2 N-DECANE

R.T.: 4.132 min
Delta R.T.: -0.008 min
Response: 710120
Conc: 1.78 ug/ml



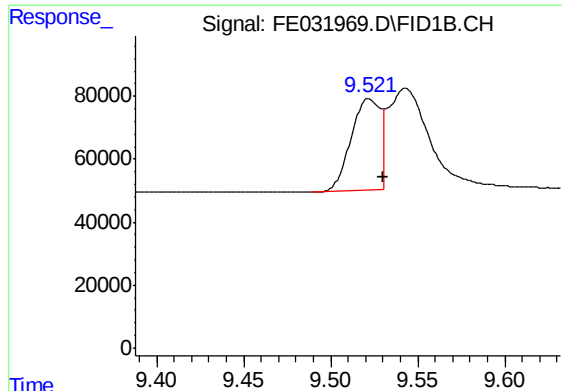
#3 N-DODECANE

R.T.: 6.181 min
Delta R.T.: 0.039 min
Response: 605449
Conc: 1.50 ug/ml



#4 N-TETRADECANE

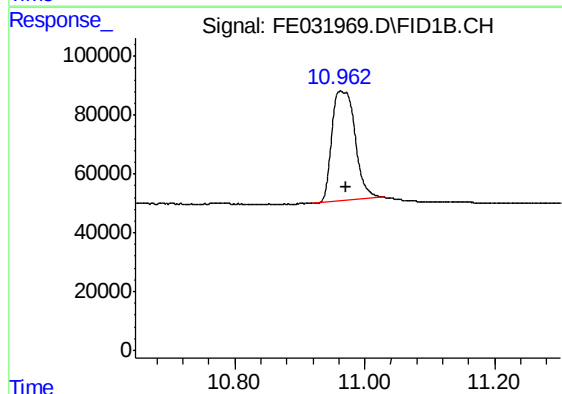
R.T.: 7.957 min
Delta R.T.: 0.026 min
Response: 784736
Conc: 1.88 ug/ml



#5 N-HEXADECANE

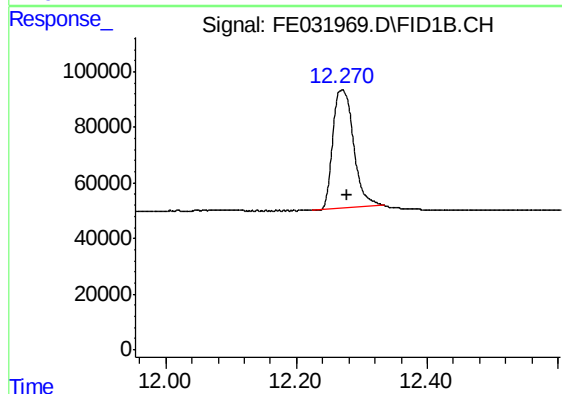
R.T.: 9.522 min
Delta R.T.: -0.008 min
Response: 334529
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



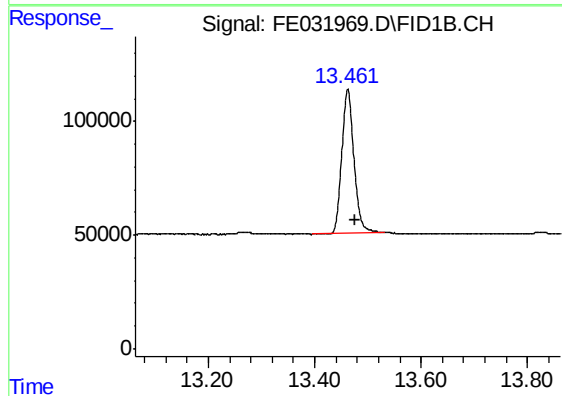
#6 N-OCTADECANE

R.T.: 10.962 min
Delta R.T.: -0.008 min
Response: 923963
Conc: 2.06 ug/ml



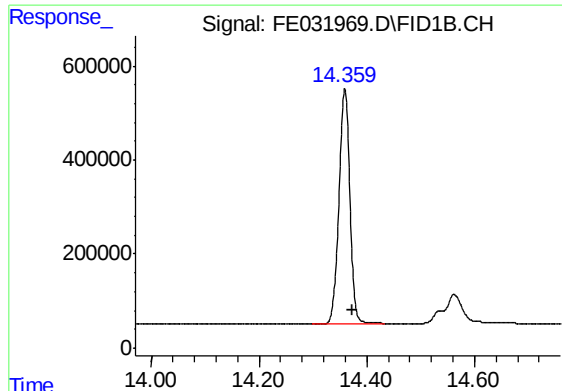
#7 N-EICOSANE

R.T.: 12.270 min
Delta R.T.: -0.008 min
Response: 939318
Conc: 2.12 ug/ml



#8 N-DOCOSANE

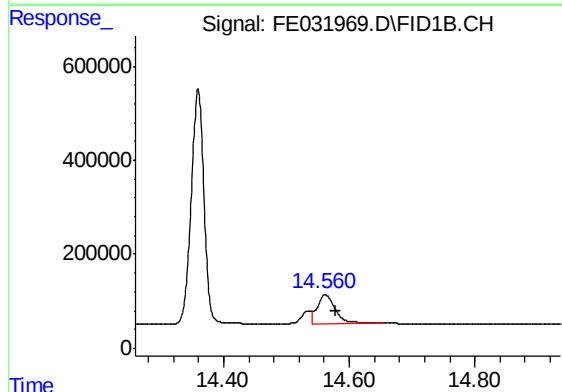
R.T.: 13.462 min
Delta R.T.: -0.013 min
Response: 1009764
Conc: 2.25 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

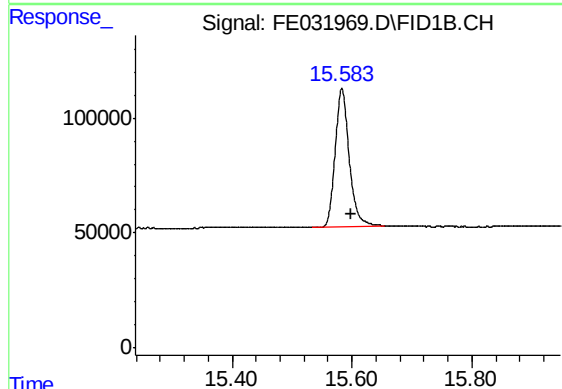
R.T.: 14.359 min
Delta R.T.: -0.014 min
Response: 7009470
Conc: 18.08 ug/ml

Instrument :
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LOD-MDL-SOIL-01-QT2-2020



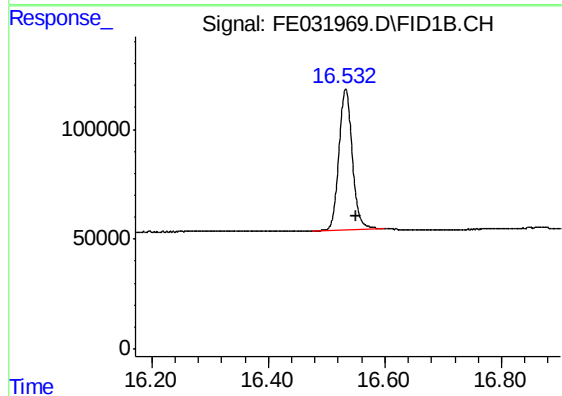
#10 N-TETRACOSANE

R.T.: 14.561 min
Delta R.T.: -0.018 min
Response: 1217266
Conc: 2.75 ug/ml



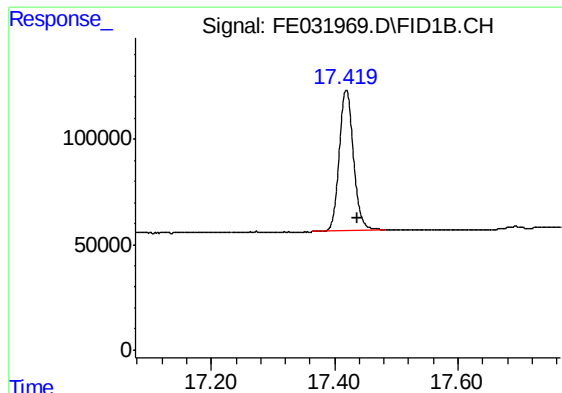
#11 N-HEXACOSANE

R.T.: 15.583 min
Delta R.T.: -0.016 min
Response: 977312
Conc: 2.23 ug/ml



#12 N-OCTACOSANE

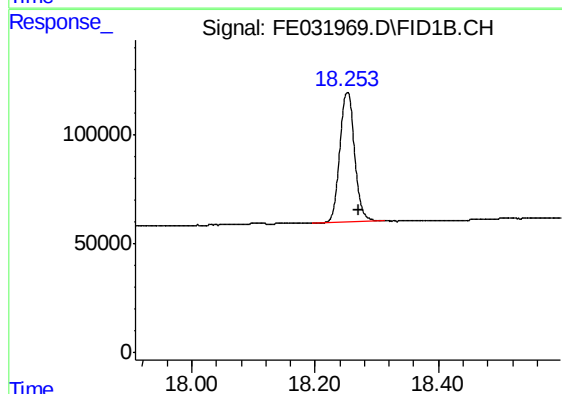
R.T.: 16.533 min
Delta R.T.: -0.017 min
Response: 1021729
Conc: 2.35 ug/ml



#13 N-TRIACONTANE

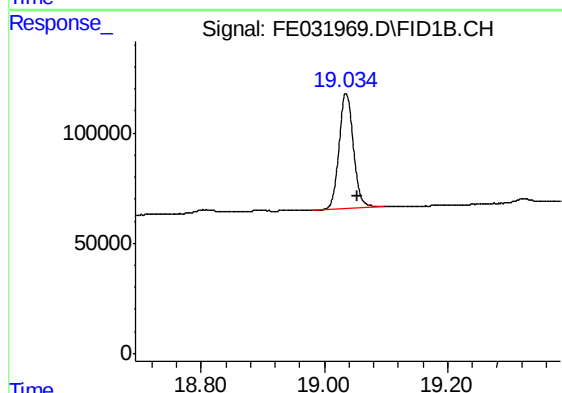
R.T.: 17.419 min
Delta R.T.: -0.019 min
Response: 1055572
Conc: 2.43 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2020



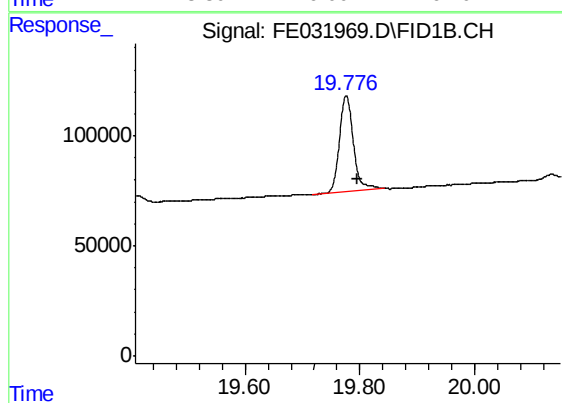
#14 N-DOTRIACONTANE

R.T.: 18.253 min
Delta R.T.: -0.018 min
Response: 985805
Conc: 2.36 ug/ml



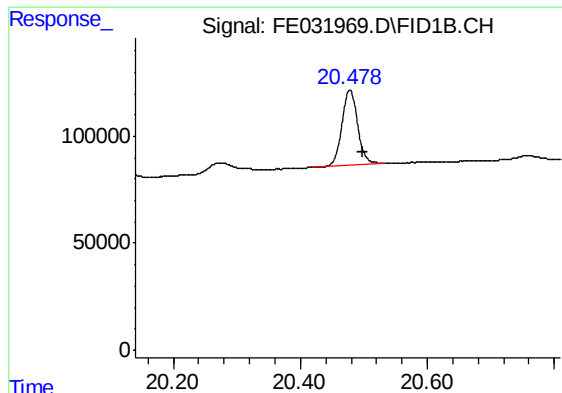
#15 N-TETRATRIACONTANE

R.T.: 19.035 min
Delta R.T.: -0.020 min
Response: 833679
Conc: 2.11 ug/ml



#16 N-HEXATRIACONTANE

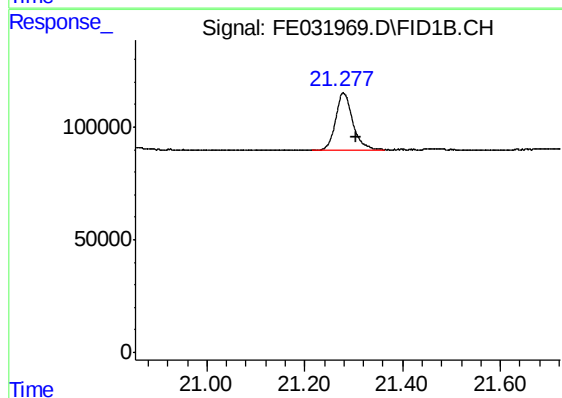
R.T.: 19.776 min
Delta R.T.: -0.019 min
Response: 730226
Conc: 1.96 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.478 min
Delta R.T.: -0.020 min
Response: 600386
Conc: 1.79 ug/ml

Instrument :
FID_E
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.278 min
Delta R.T.: -0.027 min
Response: 605542
Conc: 1.79 ug/ml