

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051120\
 Data File : FE031970.D
 Signal(s) : FID1B.CH
 Acq On : 11 May 2020 15:30
 Operator : DD\AJ
 Sample : L2182-02
 Misc : LOQ-5 PPM-SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Integration File: autoint1.e
 Quant Time: May 12 00:48:29 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...	14.360	7020269	18.112 ug/ml
Target Compounds			
1) N-OCTANE	2.144	1664493	4.113 ug/ml
2) N-DECANE	4.131	1663974	4.174 ug/ml
3) N-DODECANE	6.132	847290	2.096 ug/ml
4) N-TETRADECANE	7.920	1063026	2.545 ug/ml
5) N-HEXADECANE	9.540	657023	1.536 ug/ml
6) N-OCTADECANE	10.954	2043070	4.555 ug/ml
7) N-EICOSANE	12.262	2028544	4.574 ug/ml
8) N-DOCOSANE	13.460	2086363	4.655 ug/ml
10) N-TETRACOSANE	14.560	2577870	5.824 ug/ml
11) N-HEXACOSANE	15.581	2013707	4.602 ug/ml
12) N-OCTACOSANE	16.531	2005758	4.619 ug/ml
13) N-TRIACONTANE	17.419	2018187	4.644 ug/ml
14) N-DOTRIACONTANE	18.252	1880182	4.508 ug/ml
15) N-TETRATRIACONTANE	19.036	1689044	4.273 ug/ml
16) N-HEXATRIACONTANE	19.776	1531272	4.120 ug/ml
17) N-OCTATRIACONTANE	20.479	1331207	3.960 ug/ml
18) N-TETRACONTANE	21.280	1338799	3.957 ug/ml

(f)=RT Delta > 1/2 Window

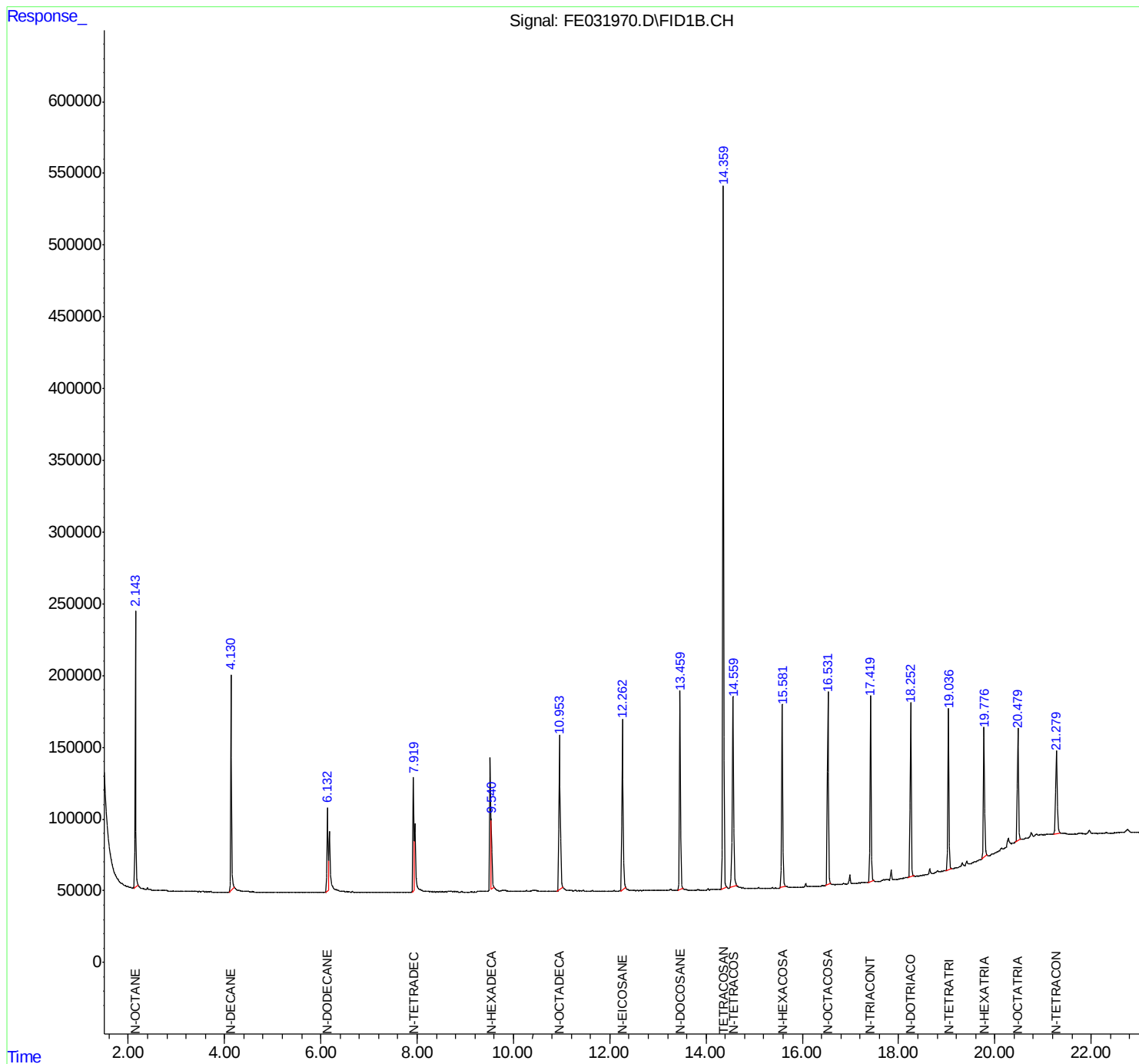
(m)=manual int.

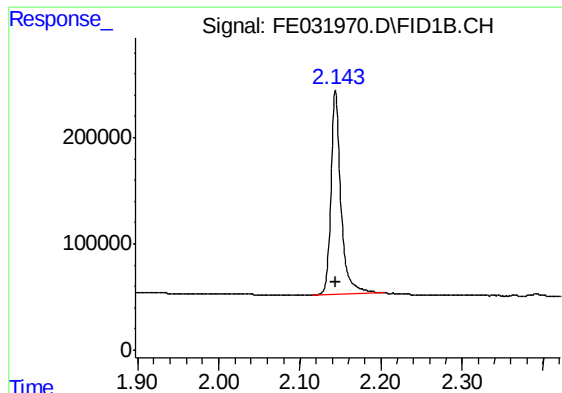
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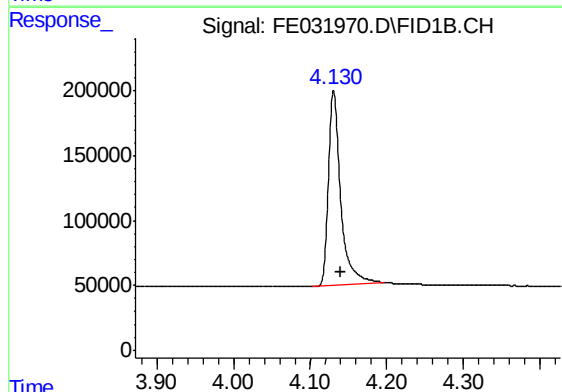




#1 N-OCTANE

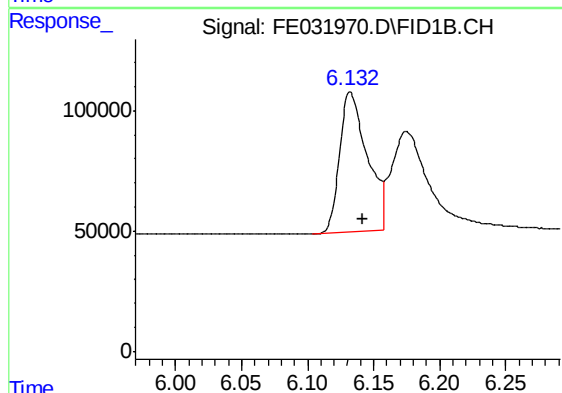
R.T.: 2.144 min
Delta R.T.: 0.000 min
Response: 1664493
Conc: 4.11 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2020



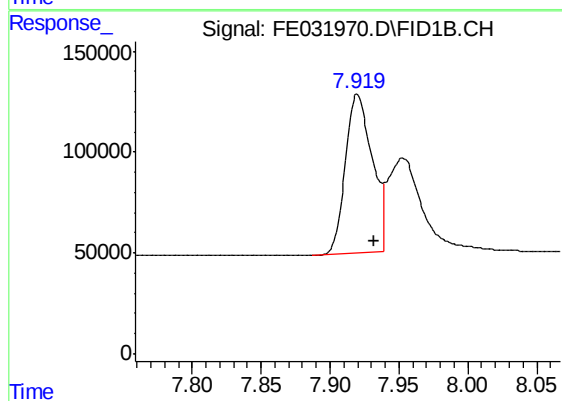
#2 N-DECANE

R.T.: 4.131 min
Delta R.T.: -0.010 min
Response: 1663974
Conc: 4.17 ug/ml



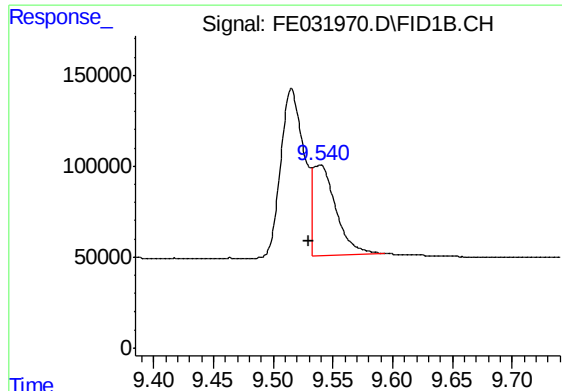
#3 N-DODECANE

R.T.: 6.132 min
Delta R.T.: -0.009 min
Response: 847290
Conc: 2.10 ug/ml



#4 N-TETRADECANE

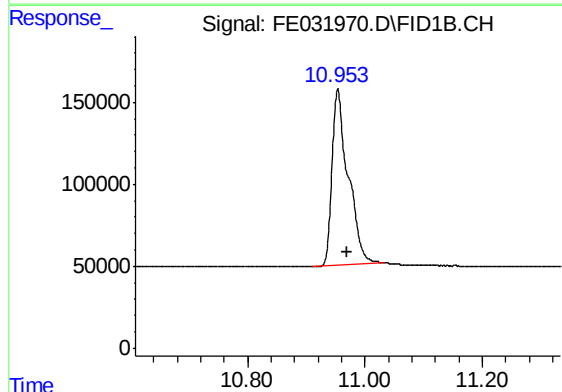
R.T.: 7.920 min
Delta R.T.: -0.012 min
Response: 1063026
Conc: 2.55 ug/ml



#5 N-HEXADECANE

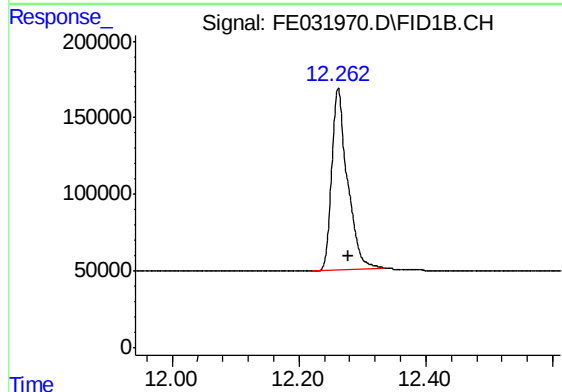
R.T.: 9.540 min
Delta R.T.: 0.010 min
Response: 657023
Conc: 1.54 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2020



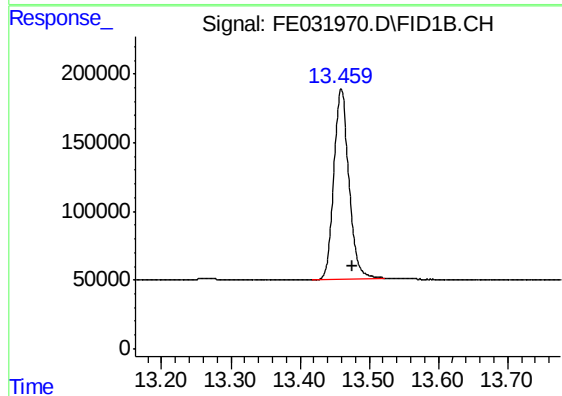
#6 N-OCTADECANE

R.T.: 10.954 min
Delta R.T.: -0.017 min
Response: 2043070
Conc: 4.55 ug/ml



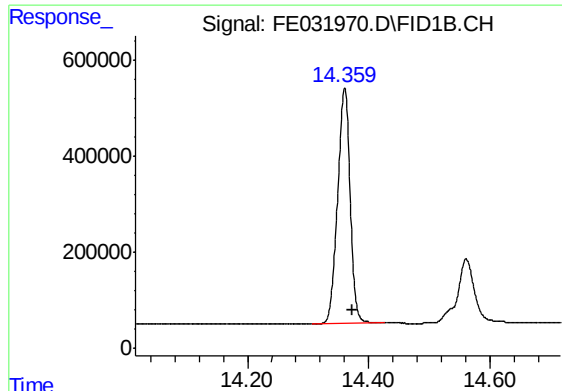
#7 N-EICOSANE

R.T.: 12.262 min
Delta R.T.: -0.015 min
Response: 2028544
Conc: 4.57 ug/ml



#8 N-DOCOSANE

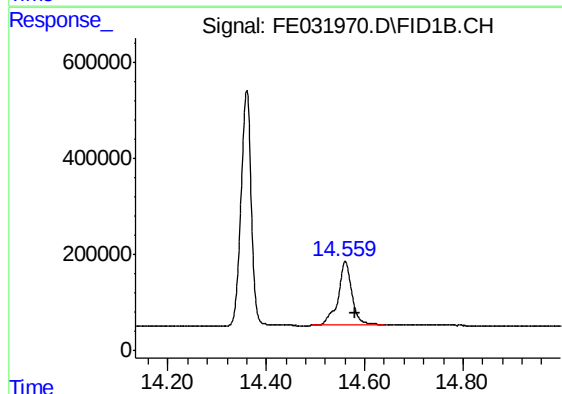
R.T.: 13.460 min
Delta R.T.: -0.016 min
Response: 2086363
Conc: 4.66 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

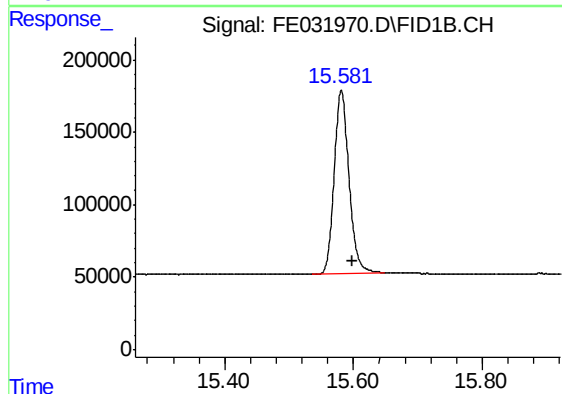
R.T.: 14.360 min
Delta R.T.: -0.013 min
Response: 7020269
Conc: 18.11 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2020



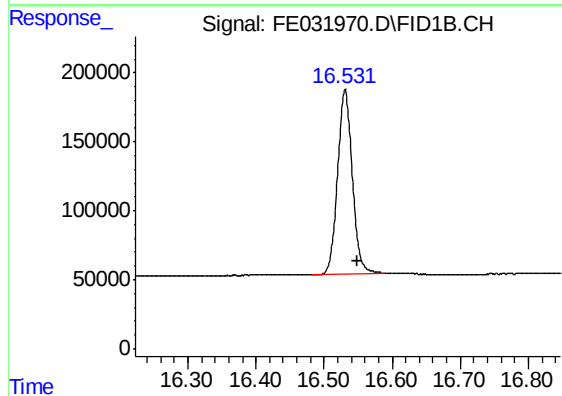
#10 N-TETRACOSANE

R.T.: 14.560 min
Delta R.T.: -0.019 min
Response: 2577870
Conc: 5.82 ug/ml



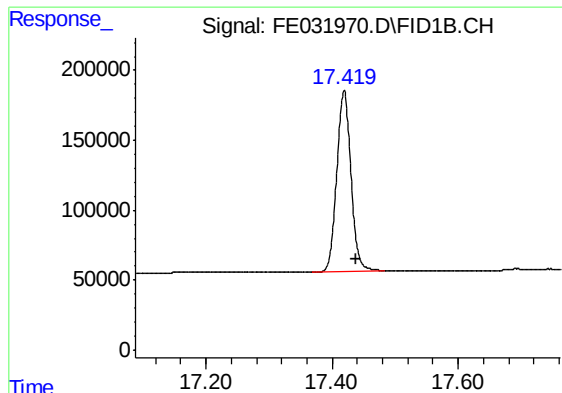
#11 N-HEXACOSANE

R.T.: 15.581 min
Delta R.T.: -0.018 min
Response: 2013707
Conc: 4.60 ug/ml



#12 N-OCTACOSANE

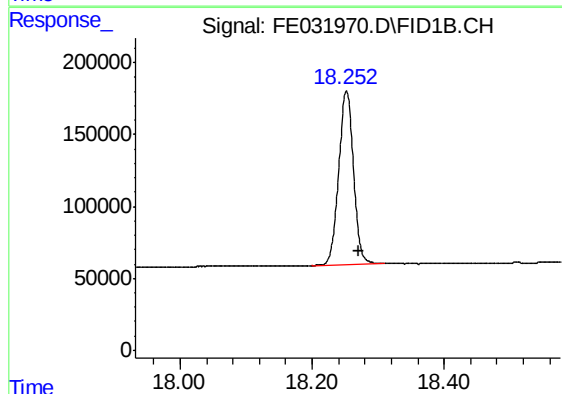
R.T.: 16.531 min
Delta R.T.: -0.019 min
Response: 2005758
Conc: 4.62 ug/ml



#13 N-TRIACONTANE

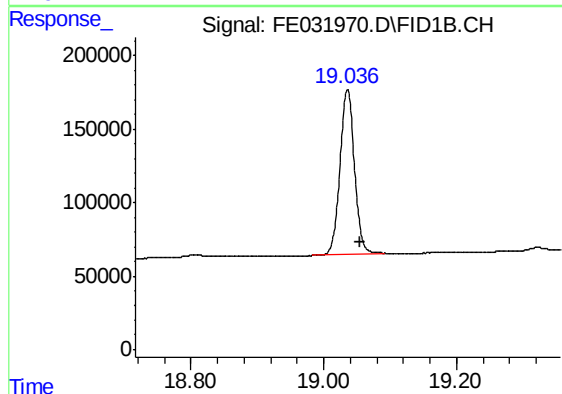
R.T.: 17.419 min
Delta R.T.: -0.018 min
Response: 2018187
Conc: 4.64 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT2-2020



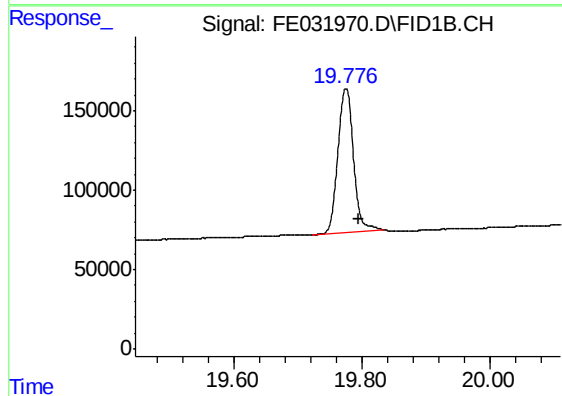
#14 N-DOTRIACONTANE

R.T.: 18.252 min
Delta R.T.: -0.019 min
Response: 1880182
Conc: 4.51 ug/ml



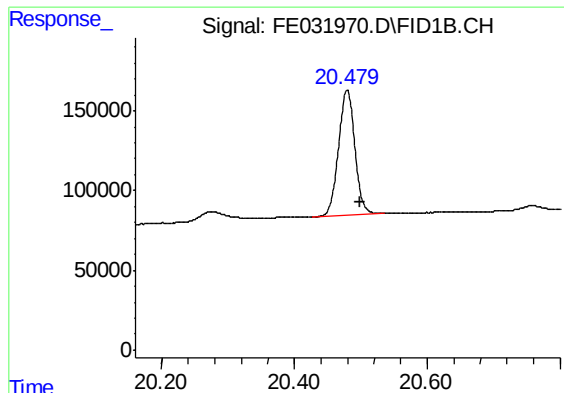
#15 N-TETRATRIACONTANE

R.T.: 19.036 min
Delta R.T.: -0.019 min
Response: 1689044
Conc: 4.27 ug/ml



#16 N-HEXATRIACONTANE

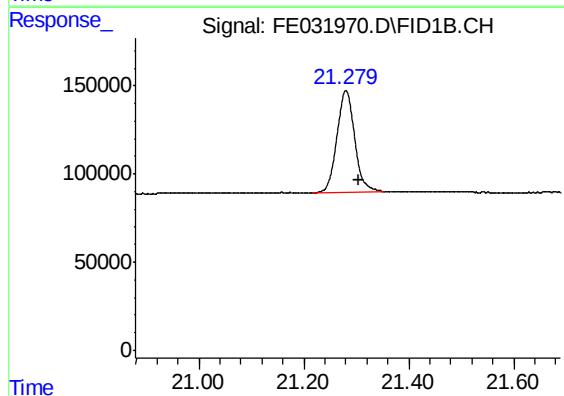
R.T.: 19.776 min
Delta R.T.: -0.020 min
Response: 1531272
Conc: 4.12 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.019 min
Response: 1331207
Conc: 3.96 ug/ml

Instrument :
FID_E
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 21.280 min
Delta R.T.: -0.025 min
Response: 1338799
Conc: 3.96 ug/ml