

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083123\
 Data File : FE044058.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 13:21
 Operator : YP\AJ
 Sample : 03572-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-05-QT3-2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:25:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:43:19 2023
 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...	15.026	2824533	19.266 ug/ml
Target Compounds			
1) N-OCTANE	2.044	807850	4.969 ug/ml
2) N-DECANE	4.572	883047	5.237 ug/ml
3) N-DODECANE	6.736	895905	5.259 ug/ml
4) N-TETRADECANE	8.562	905774	5.266 ug/ml
5) N-HEXADECANE	10.171	911081	5.284 ug/ml
6) N-OCTADECANE	11.614	909650	5.236 ug/ml
7) N-EICOSANE	12.926	894540	5.239 ug/ml
8) N-DOCOSANE	14.124	867956	5.166 ug/ml
10) N-TETRACOSANE	15.228	854549	5.175 ug/ml
11) N-HEXACOSANE	16.250	830122	5.162 ug/ml
12) N-OCTACOSANE	17.200	811190	5.189 ug/ml
13) N-TRIACONTANE	18.089	818880	5.470 ug/ml
14) N-DOTRIACONTANE	18.924	796500	5.853 ug/ml
15) N-TETRATRIACONTANE	19.709	725833	6.027 ug/ml
16) N-HEXATRIACONTANE	20.448	596486	5.614 ug/ml
17) N-OCTATRIACONTANE	21.190	524403	5.255 ug/ml
18) N-TETRACONTANE	22.111	460266	4.799 ug/ml

(f)=RT Delta > 1/2 Window

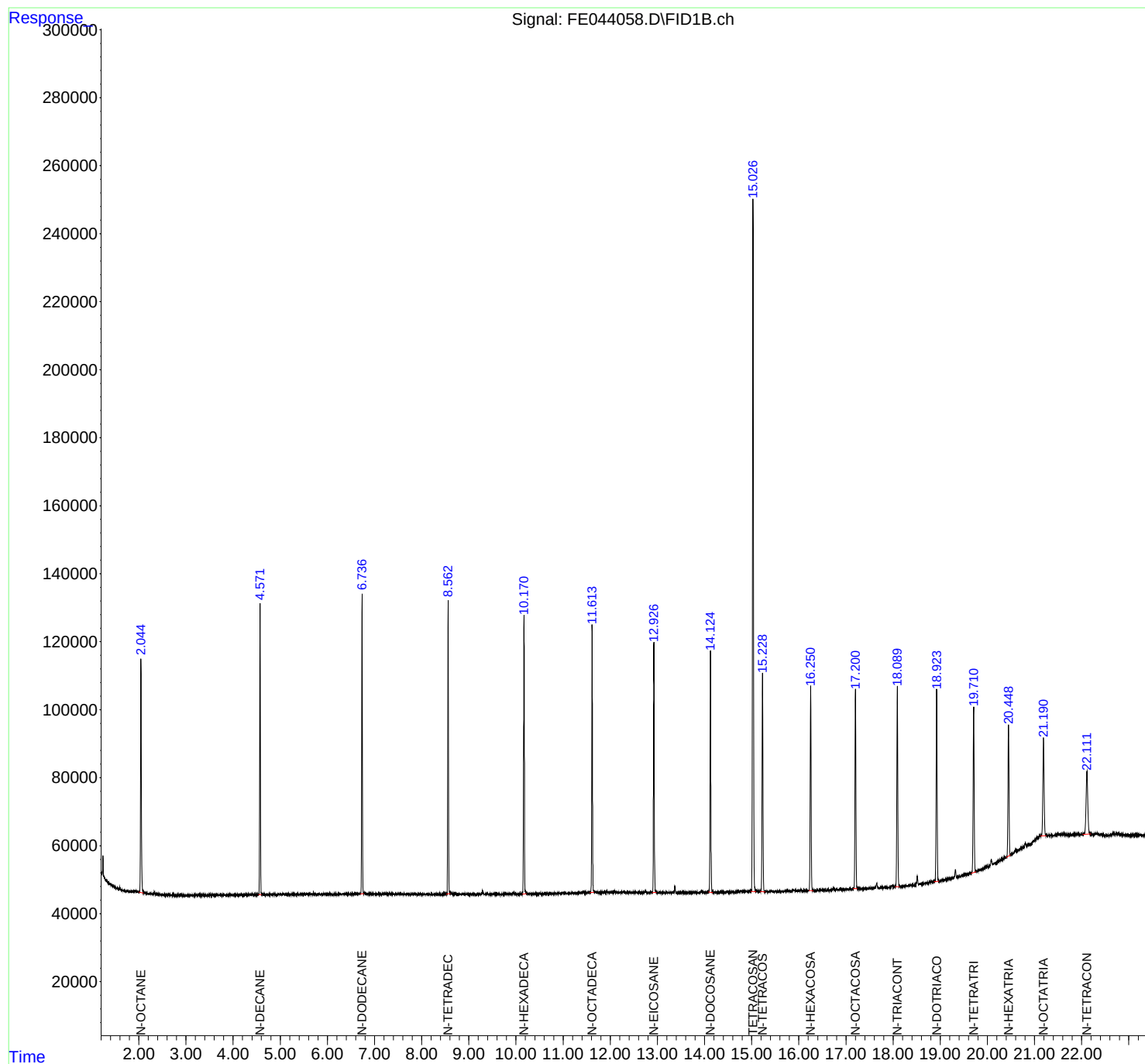
(m)=manual int.

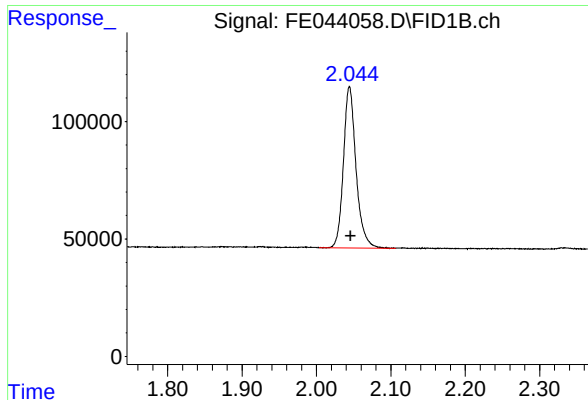
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

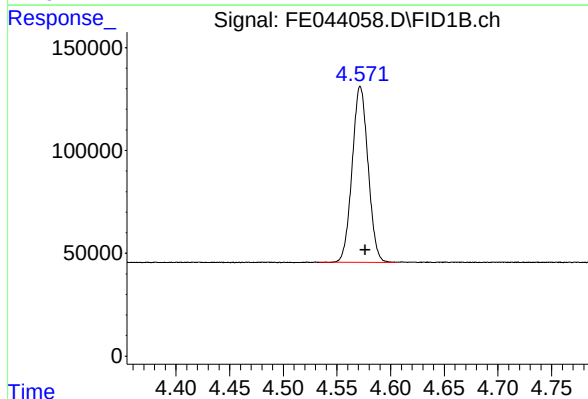




#1 N-OCTANE

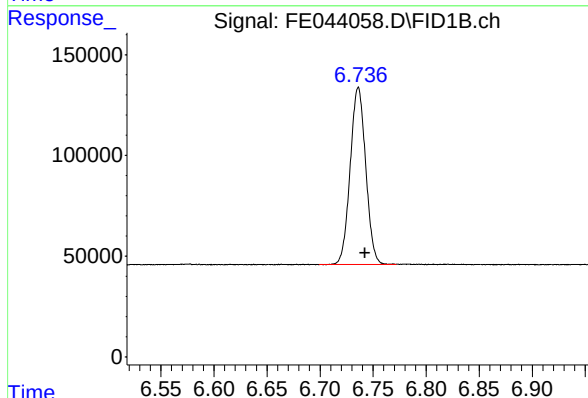
R.T.: 2.044 min
Delta R.T.: -0.002 min
Response: 807850
Conc: 4.97 ug/ml

Instrument :
FID_E
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LOQ-SOIL-05-QT3-2023



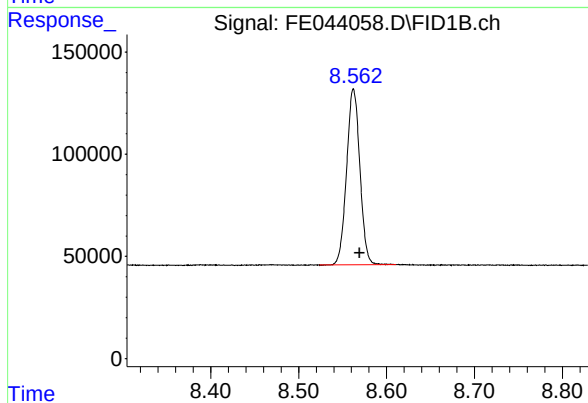
#2 N-DECANE

R.T.: 4.572 min
Delta R.T.: -0.005 min
Response: 883047
Conc: 5.24 ug/ml



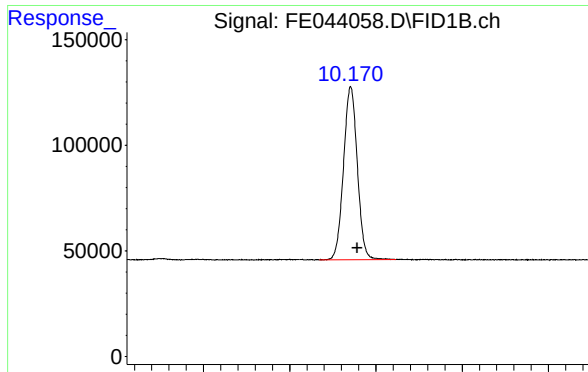
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 895905
Conc: 5.26 ug/ml



#4 N-TETRADECANE

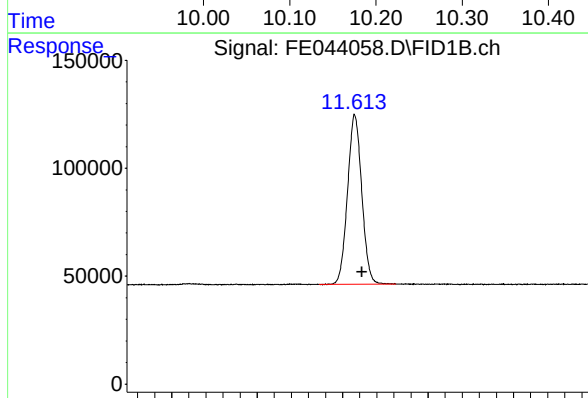
R.T.: 8.562 min
Delta R.T.: -0.007 min
Response: 905774
Conc: 5.27 ug/ml



#5 N-HEXADECANE

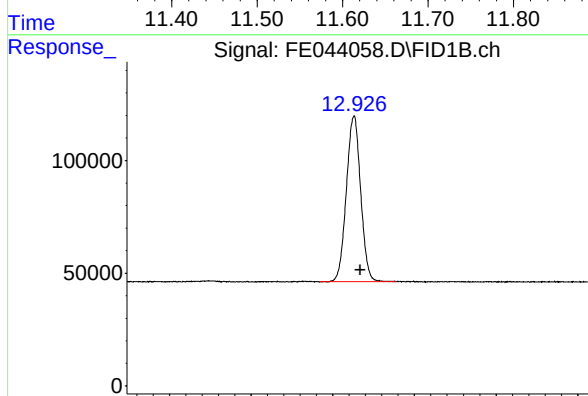
R.T.: 10.171 min
Delta R.T.: -0.007 min
Response: 911081
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-05-QT3-2023



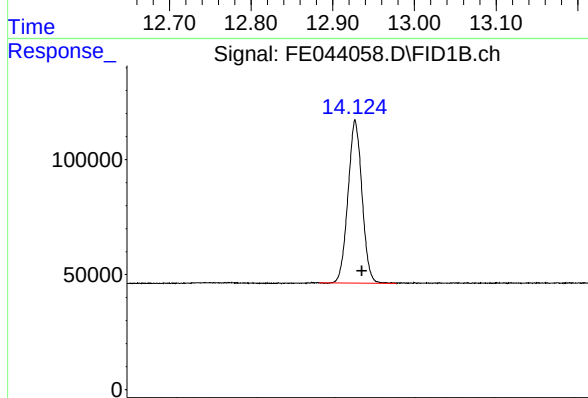
#6 N-OCTADECANE

R.T.: 11.614 min
Delta R.T.: -0.008 min
Response: 909650
Conc: 5.24 ug/ml



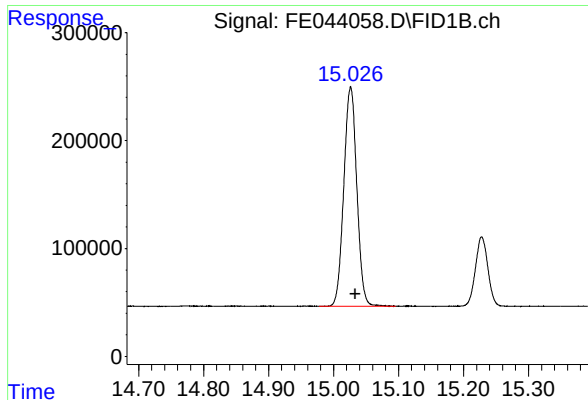
#7 N-EICOSANE

R.T.: 12.926 min
Delta R.T.: -0.008 min
Response: 894540
Conc: 5.24 ug/ml



#8 N-DOCOSANE

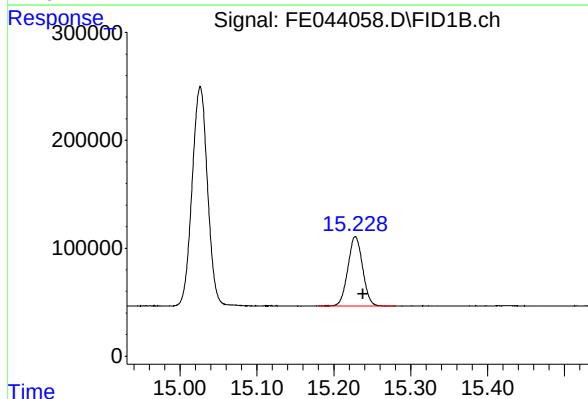
R.T.: 14.124 min
Delta R.T.: -0.009 min
Response: 867956
Conc: 5.17 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

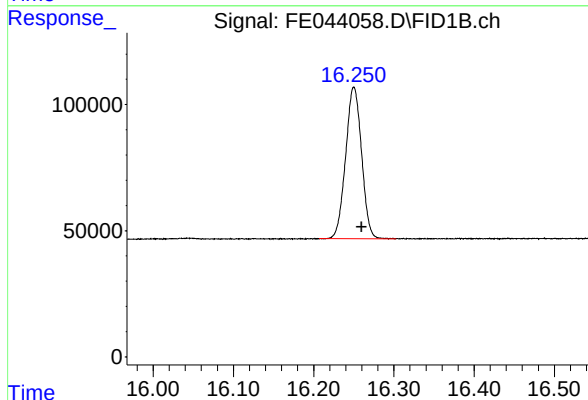
R.T.: 15.026 min
Delta R.T.: -0.007 min
Response: 2824533
Conc: 19.27 ug/ml

Instrument :
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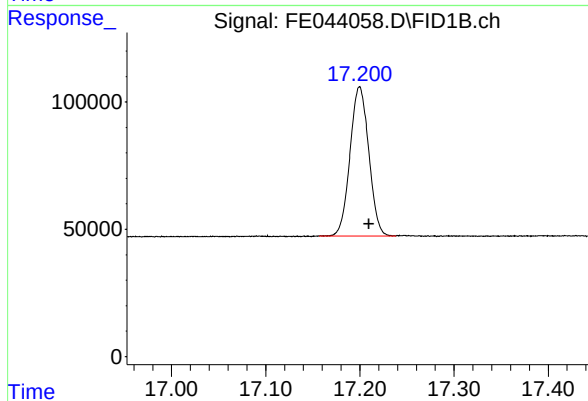
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: -0.010 min
Response: 854549
Conc: 5.18 ug/ml



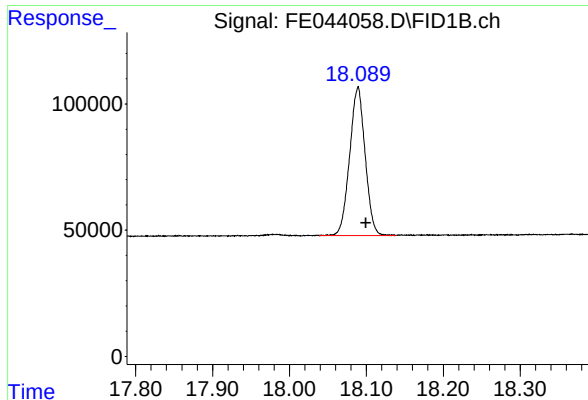
#11 N-HEXACOSANE

R.T.: 16.250 min
Delta R.T.: -0.010 min
Response: 830122
Conc: 5.16 ug/ml



#12 N-OCTACOSANE

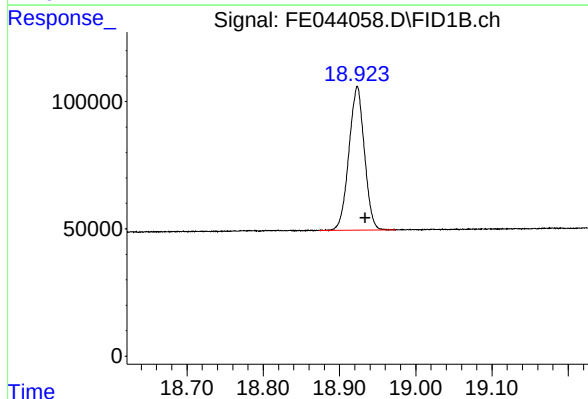
R.T.: 17.200 min
Delta R.T.: -0.010 min
Response: 811190
Conc: 5.19 ug/ml



#13 N-TRIACONTANE

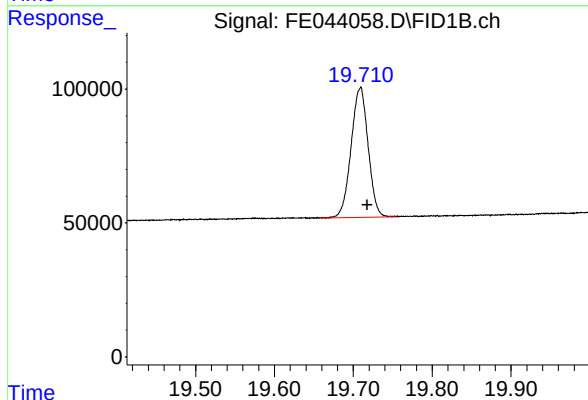
R.T.: 18.089 min
Delta R.T.: -0.010 min
Response: 818880
Conc: 5.47 ug/ml

Instrument :
FID_E
ClientSampleId :
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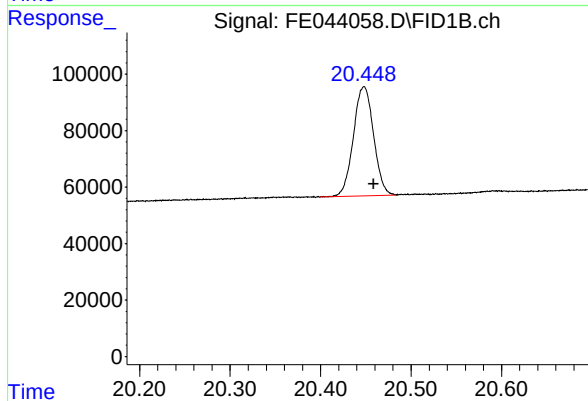
#14 N-DOTRIACONTANE

R.T.: 18.924 min
Delta R.T.: -0.010 min
Response: 796500
Conc: 5.85 ug/ml



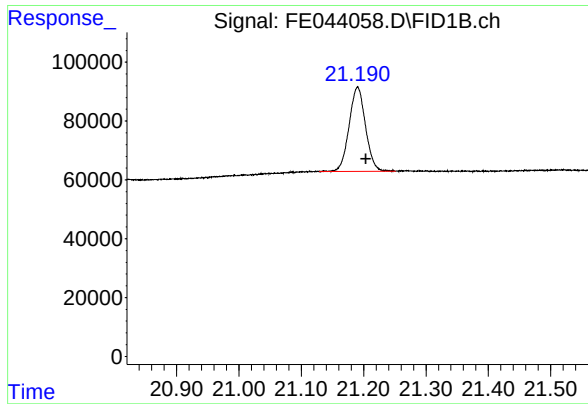
#15 N-TETRATRIACONTANE

R.T.: 19.709 min
Delta R.T.: -0.009 min
Response: 725833
Conc: 6.03 ug/ml



#16 N-HEXATRIACONTANE

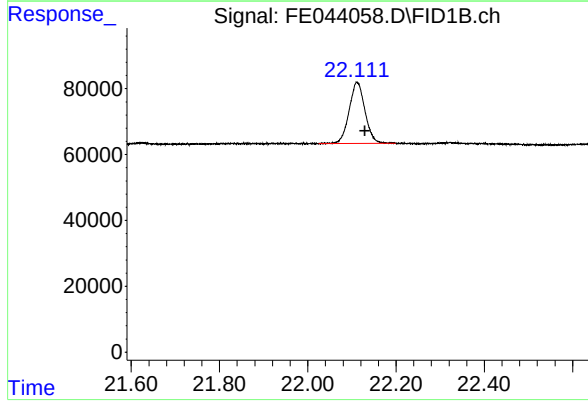
R.T.: 20.448 min
Delta R.T.: -0.011 min
Response: 596486
Conc: 5.61 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.190 min
Delta R.T.: -0.013 min
Response: 524403
Conc: 5.26 ug/ml

Instrument :
FID_E
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.111 min
Delta R.T.: -0.018 min
Response: 460266
Conc: 4.80 ug/ml