

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090123\
 Data File : FE044084.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2023 11:12
 Operator : YP\AJ
 Sample : 03572-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-06-QT3-2023

Integration File: autoint1.e
 Quant Time: Sep 02 00:00:19 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...	15.021	2504292	17.082 ug/ml
Target Compounds			
1) N-OCTANE	2.045	142879	0.879 ug/ml
2) N-DECANE	4.570	156576	0.929 ug/ml
3) N-DODECANE	6.734	156865	0.921 ug/ml
4) N-TETRADECANE	8.559	161474	0.939 ug/ml
5) N-HEXADECANE	10.168	158330	0.918 ug/ml
6) N-OCTADECANE	11.612	161042	0.927 ug/ml
7) N-EICOSANE	12.921	160075	0.937 ug/ml
8) N-DOCOSANE	14.119	155419	0.925 ug/ml
10) N-TETRACOSANE	15.223	155711	0.943 ug/ml
11) N-HEXACOSANE	16.243	153384	0.954 ug/ml
12) N-OCTACOSANE	17.194	166430	1.065 ug/ml
13) N-TRIACONTANE	18.082	210128	1.404 ug/ml
14) N-DOTRIACONTANE	18.917	228341	1.678 ug/ml
15) N-TETRATRIACONTANE	19.701	195234	1.621 ug/ml
16) N-HEXATRIACONTANE	20.441	147699	1.390 ug/ml
17) N-OCTATRIACONTANE	21.183	111165	1.114 ug/ml
18) N-TETRACONTANE	22.100	89036	0.928 ug/ml

(f)=RT Delta > 1/2 Window

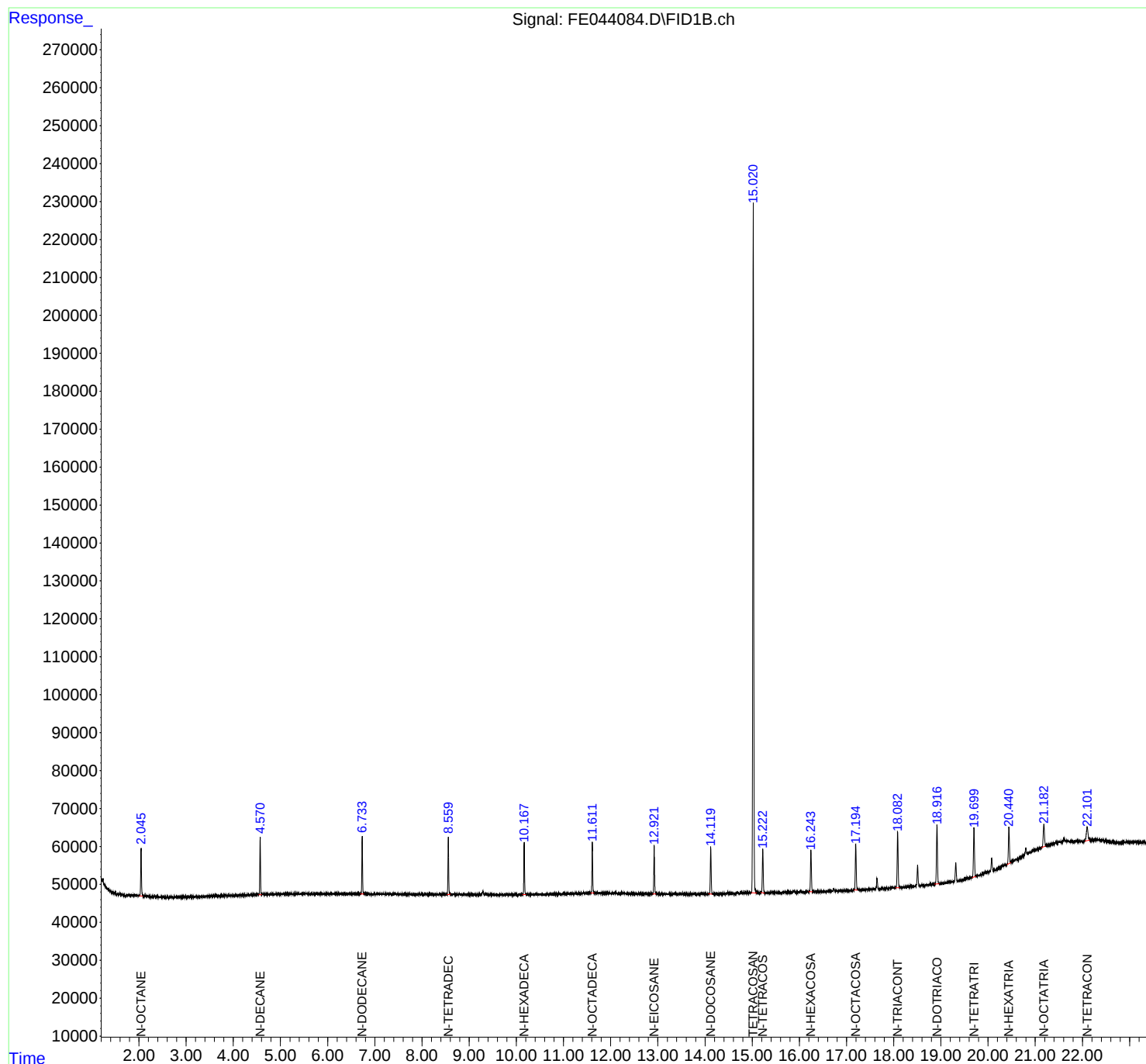
(m)=manual int.

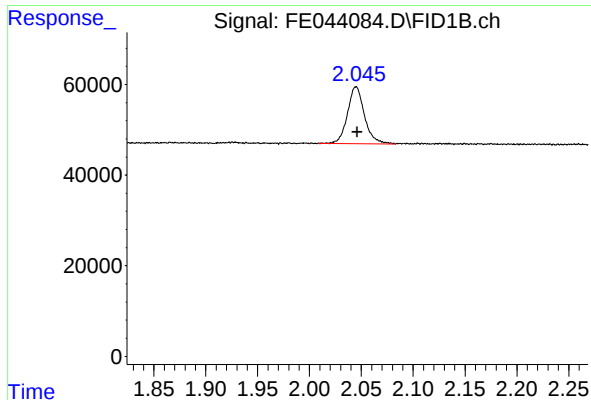
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

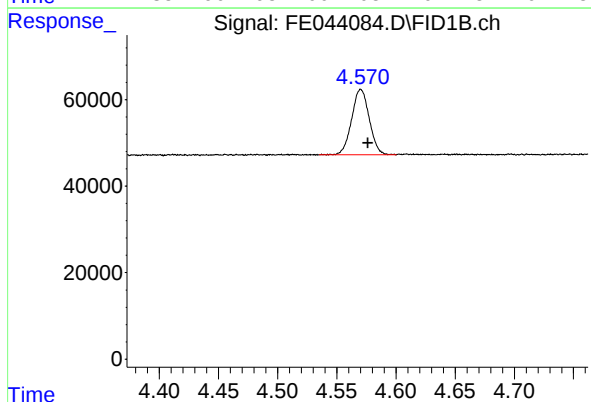




#1 N-OCTANE

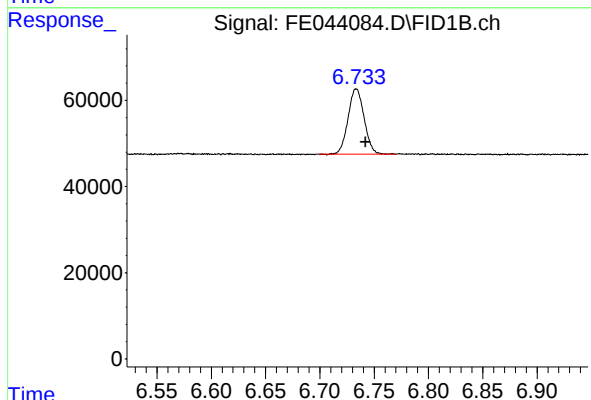
R.T.: 2.045 min
Delta R.T.: -0.001 min
Response: 142879
Conc: 0.88 ug/ml

Instrument :
FID_E
ClientSampleId :
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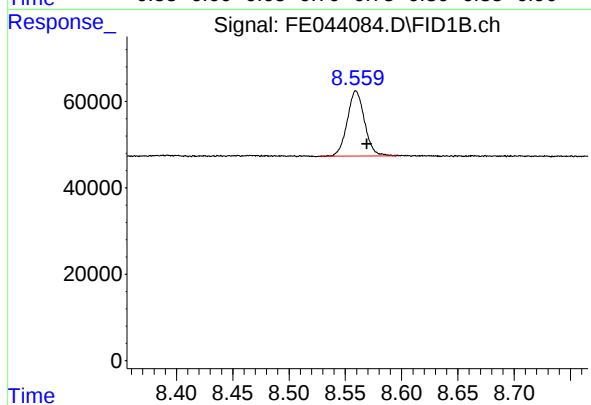
#2 N-DECANE

R.T.: 4.570 min
Delta R.T.: -0.006 min
Response: 156576
Conc: 0.93 ug/ml



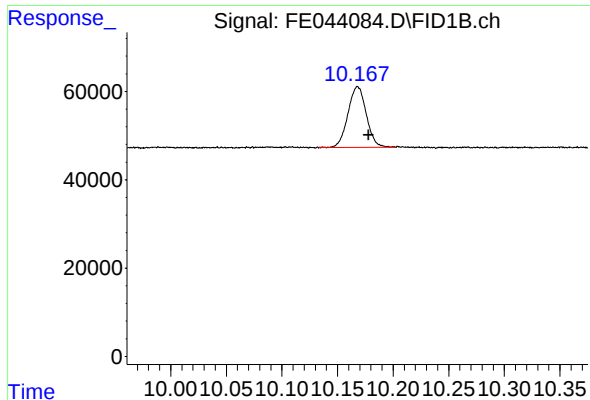
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: -0.009 min
Response: 156865
Conc: 0.92 ug/ml



#4 N-TETRADECANE

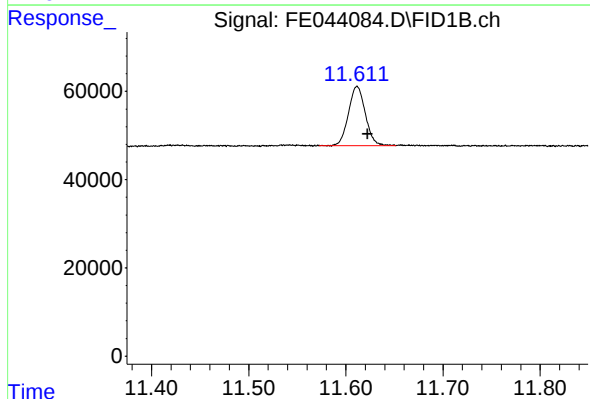
R.T.: 8.559 min
Delta R.T.: -0.010 min
Response: 161474
Conc: 0.94 ug/ml



#5 N-HEXADECANE

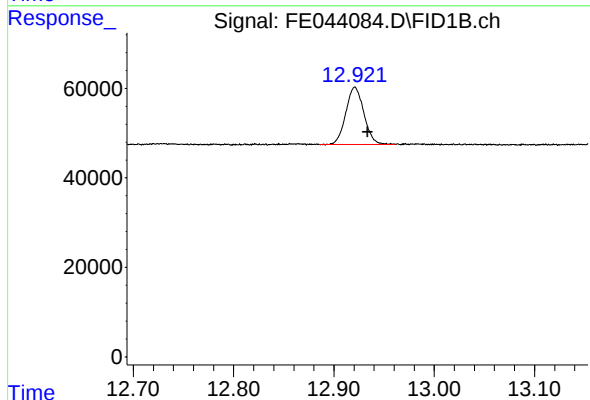
R.T.: 10.168 min
Delta R.T.: -0.010 min
Response: 158330
Conc: 0.92 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-WATER-06-QT3-2023



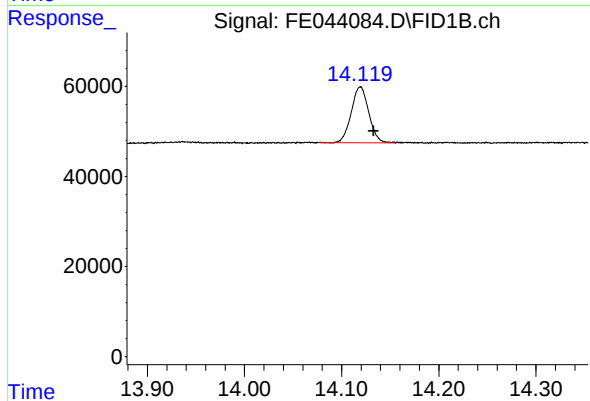
#6 N-OCTADECANE

R.T.: 11.612 min
Delta R.T.: -0.011 min
Response: 161042
Conc: 0.93 ug/ml



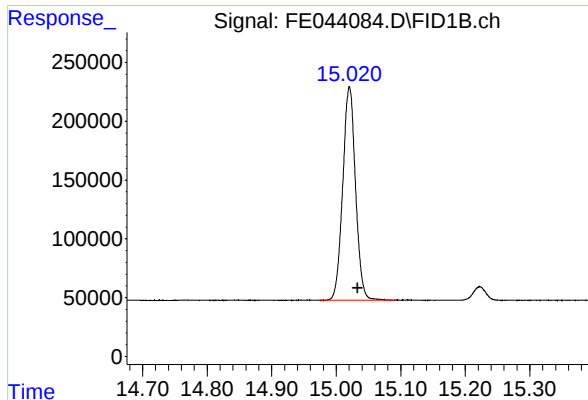
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: -0.013 min
Response: 160075
Conc: 0.94 ug/ml



#8 N-DOCOSANE

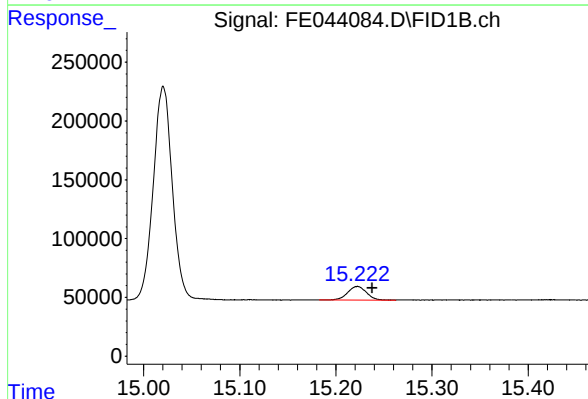
R.T.: 14.119 min
Delta R.T.: -0.014 min
Response: 155419
Conc: 0.93 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

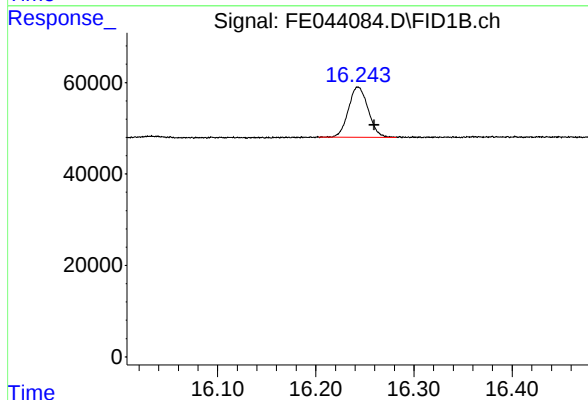
R.T.: 15.021 min
Delta R.T.: -0.013 min
Response: 2504292
Conc: 17.08 ug/ml

Instrument :
FID_E
ClientSampleId :
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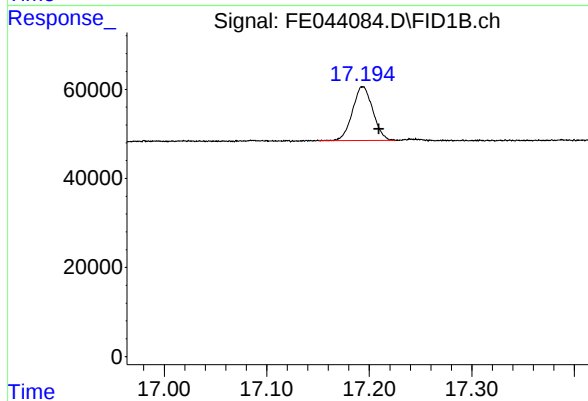
#10 N-TETRACOSANE

R.T.: 15.223 min
Delta R.T.: -0.015 min
Response: 155711
Conc: 0.94 ug/ml



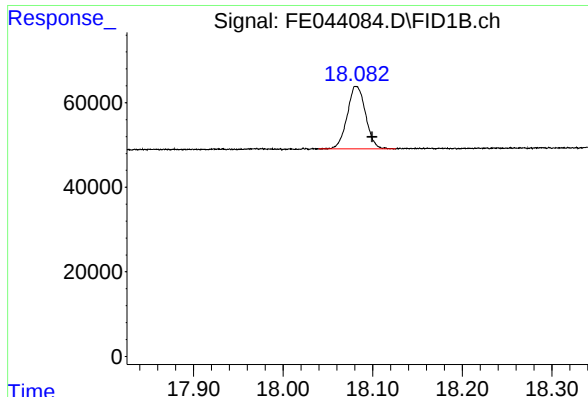
#11 N-HEXACOSANE

R.T.: 16.243 min
Delta R.T.: -0.017 min
Response: 153384
Conc: 0.95 ug/ml



#12 N-OCTACOSANE

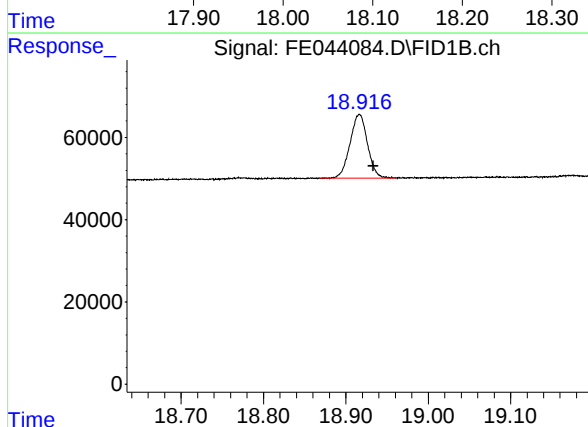
R.T.: 17.194 min
Delta R.T.: -0.016 min
Response: 166430
Conc: 1.06 ug/ml



#13 N-TRIACONTANE

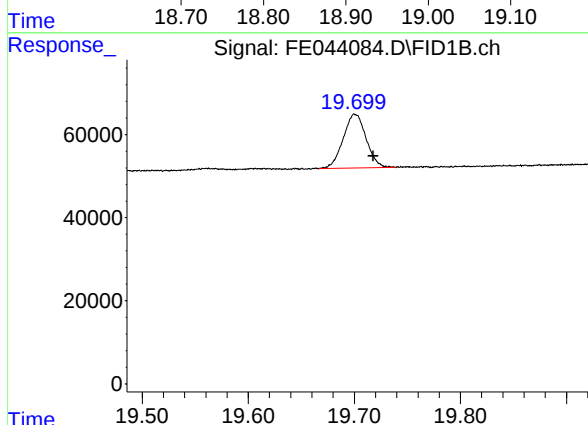
R.T.: 18.082 min
Delta R.T.: -0.018 min
Response: 210128
Conc: 1.40 ug/ml

Instrument :
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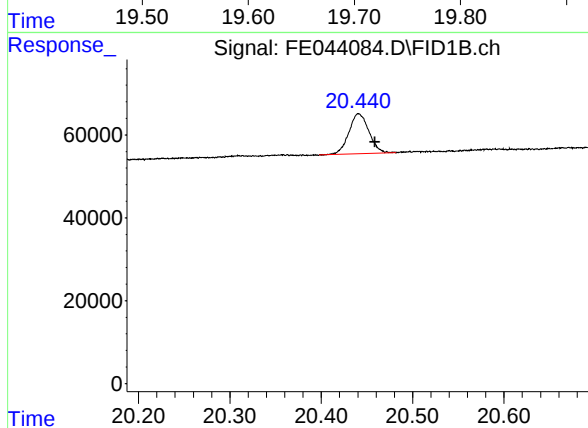
#14 N-DOTRIACONTANE

R.T.: 18.917 min
Delta R.T.: -0.017 min
Response: 228341
Conc: 1.68 ug/ml



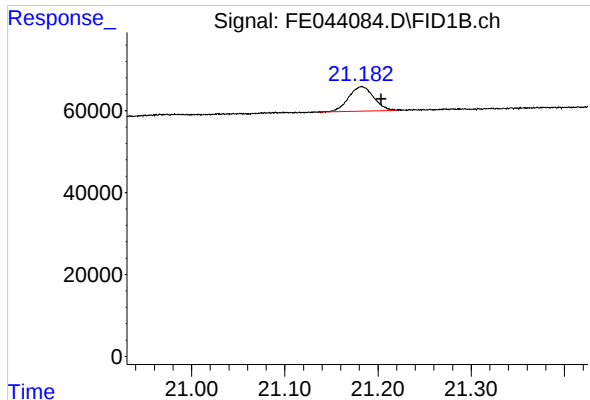
#15 N-TETRATRIACONTANE

R.T.: 19.701 min
Delta R.T.: -0.017 min
Response: 195234
Conc: 1.62 ug/ml



#16 N-HEXATRIACONTANE

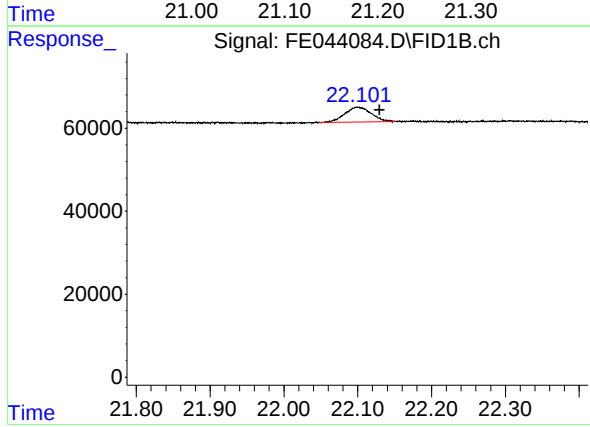
R.T.: 20.441 min
Delta R.T.: -0.018 min
Response: 147699
Conc: 1.39 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.183 min
Delta R.T.: -0.021 min
Response: 111165
Conc: 1.11 ug/ml

Instrument :
FID_E
ClientSampleId :
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#18 N-TETRACONTANE

R.T.: 22.100 min
Delta R.T.: -0.030 min
Response: 89036
Conc: 0.93 ug/ml