

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120624\
 Data File : FG014930.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2024 15:09
 Operator : YP\AJ
 Sample : P5112-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10TH-ST-SOILMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: Sample.e
 Quant Time: Dec 06 22:02:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112024.M
 Quant Title :
 QLast Update : Thu Nov 21 02:41:43 2024
 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...	15.042	1578811	13.681 ug/mlm
Target Compounds			
1) N-OCTANE	2.054	1574349	11.874 ug/ml
2) N-DECANE	4.565	1910413	14.317 ug/ml
3) N-DODECANE	6.736	2020045	14.681 ug/ml
4) N-TETRADECANE	8.568	2085211	15.641 ug/ml
5) N-HEXADECANE	10.180	2470900	18.359 ug/ml
6) N-OCTADECANE	11.626	2249008	16.382 ug/ml
7) N-EICOSANE	12.941	2873231	21.682 ug/ml
8) N-DOCOSANE	14.141	3207144	24.858 ug/ml
10) N-TETRACOSANE	15.225	6382646	50.401 ug/mlm
11) N-HEXACOSANE	16.269	2304819	18.733 ug/ml
12) N-OCTACOSANE	17.221	3154655	26.076 ug/ml
13) N-TRIACONTANE	18.110	2781438	23.196 ug/ml
14) N-DOTRIACONTANE	18.941	2247174	19.319 ug/ml
15) N-TETRATRIACONTANE	19.725	1815274	17.997 ug/ml
16) N-HEXATRIACONTANE	20.467	1446129	17.833 ug/ml
17) N-OCTATRIACONTANE	21.216	1586558	22.972 ug/ml
18) N-TETRACONTANE	22.153	1899210	30.787 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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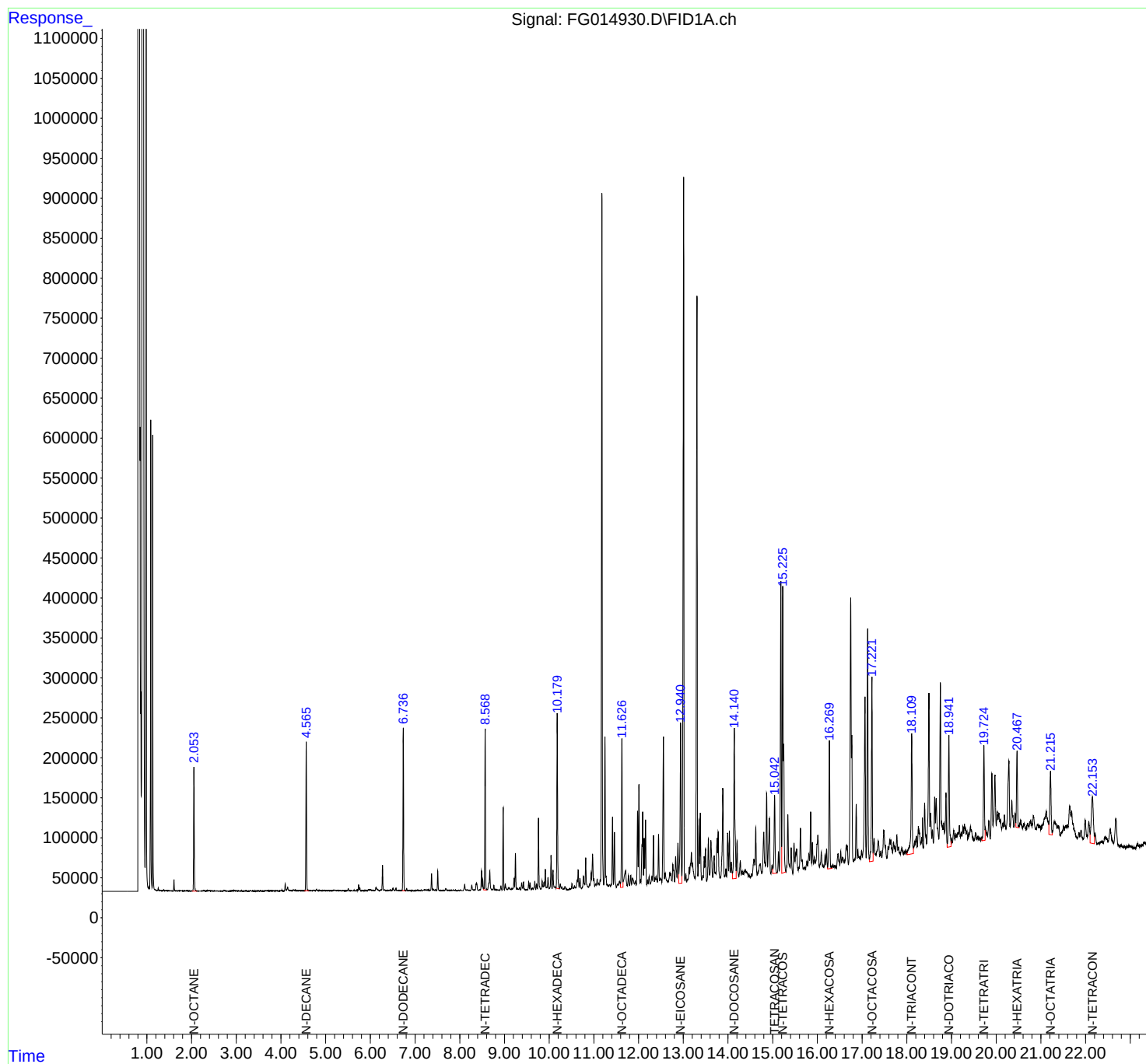
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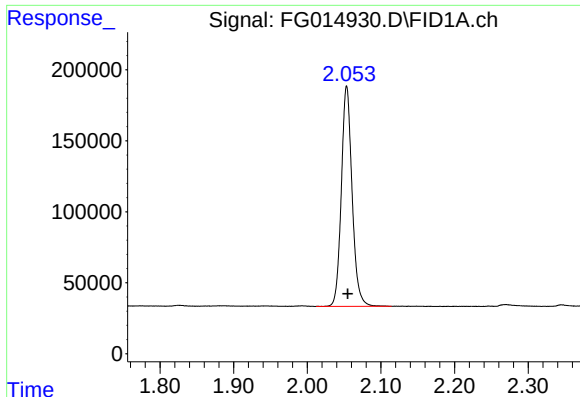
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.054 min
Delta R.T.: -0.001 min
Response: 1574349
Conc: 11.87 ug/ml

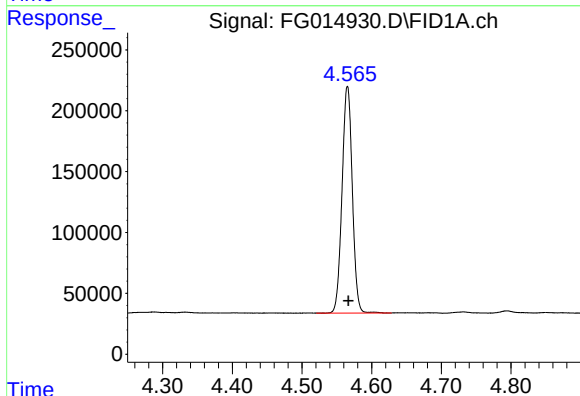
Instrument :

FID_G

ClientSampleId :
10TH-ST-SOILMS

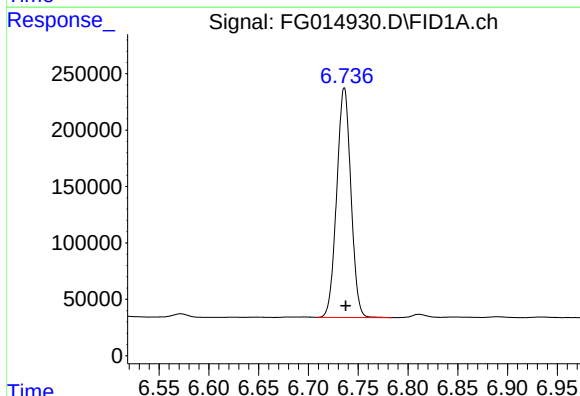
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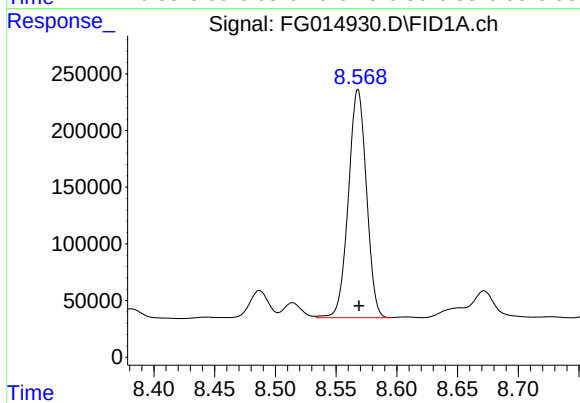
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.001 min
Response: 1910413
Conc: 14.32 ug/ml



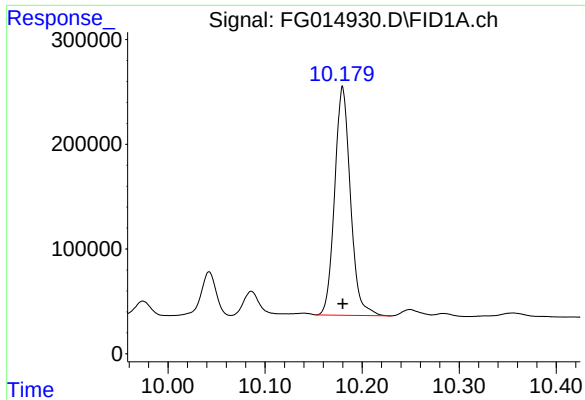
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 2020045
Conc: 14.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 2085211
Conc: 15.64 ug/ml



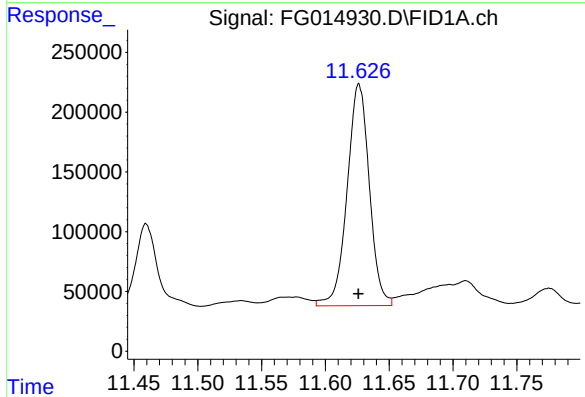
#5 N-HEXADECANE

R.T.: 10.180 min
Delta R.T.: 0.000 min
Response: 2470900
Conc: 18.36 ug/ml

Instrument :
FID_G
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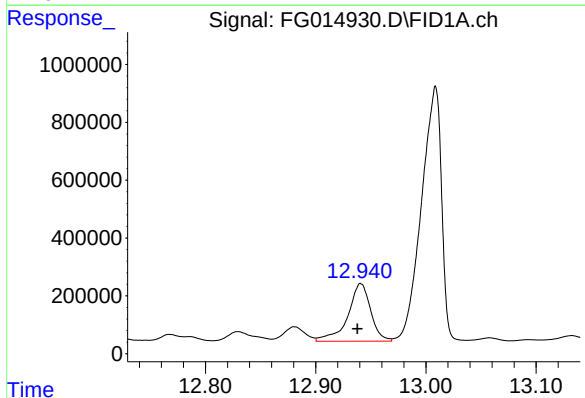
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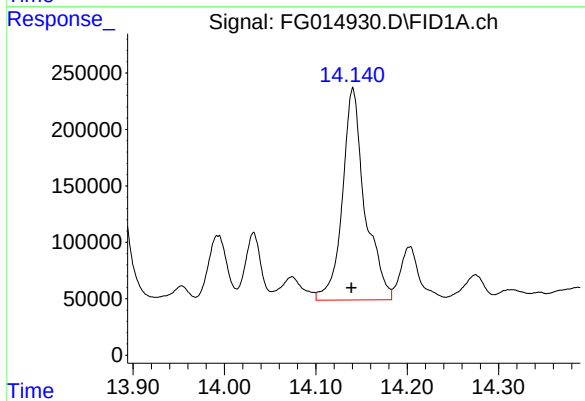
#6 N-OCTADECANE

R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 2249008
Conc: 16.38 ug/ml



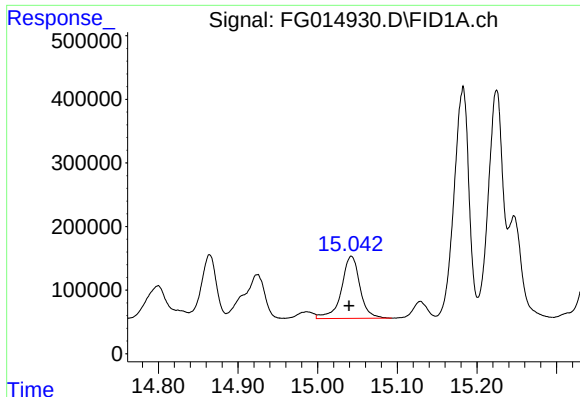
#7 N-EICOSANE

R.T.: 12.941 min
Delta R.T.: 0.003 min
Response: 2873231
Conc: 21.68 ug/ml



#8 N-DOCOSANE

R.T.: 14.141 min
Delta R.T.: 0.002 min
Response: 3207144
Conc: 24.86 ug/ml



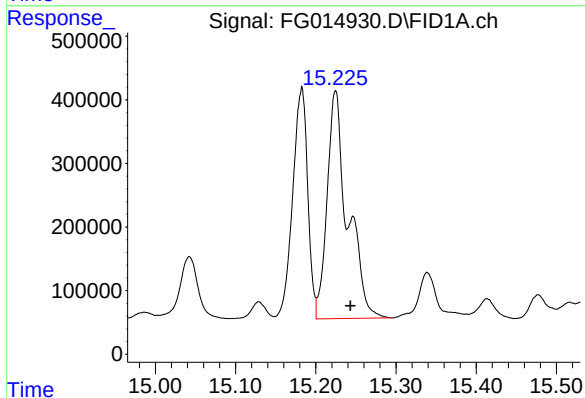
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.042 min
Delta R.T.: 0.002 min
Response: 1578811
Conc: 13.68 ug/ml

Instrument :
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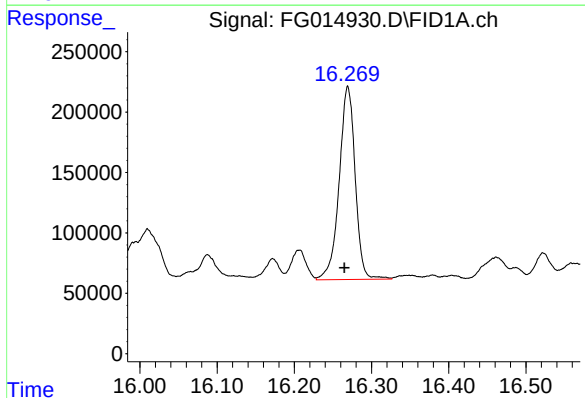
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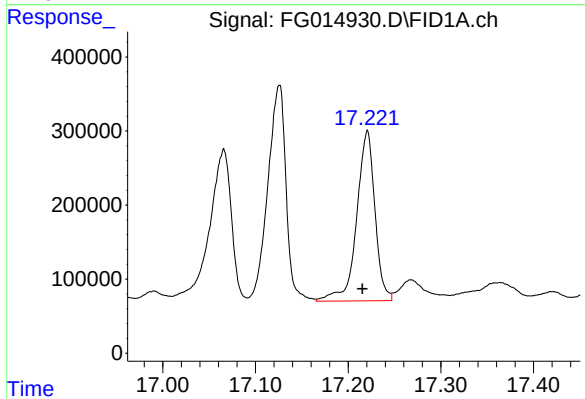
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: -0.019 min
Response: 6382646
Conc: 50.40 ug/ml m



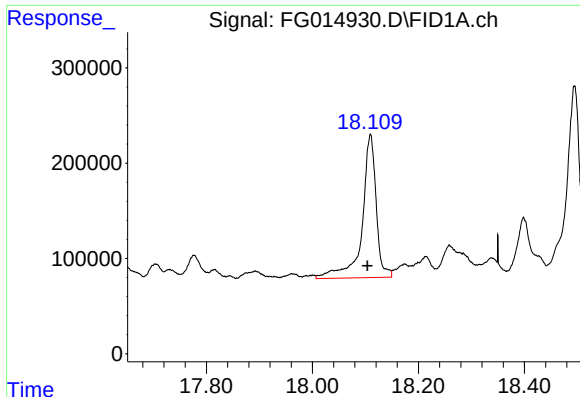
#11 N-HEXACOSANE

R.T.: 16.269 min
Delta R.T.: 0.004 min
Response: 2304819
Conc: 18.73 ug/ml



#12 N-OCTACOSANE

R.T.: 17.221 min
Delta R.T.: 0.006 min
Response: 3154655
Conc: 26.08 ug/ml



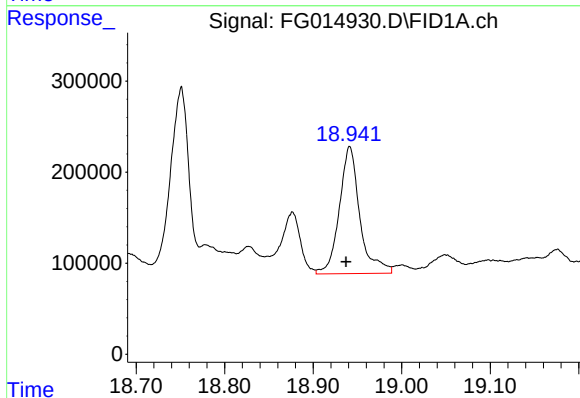
#13 N-TRIACONTANE

R.T.: 18.110 min
Delta R.T.: 0.006 min
Response: 2781438
Conc: 23.20 ug/ml

Instrument :
FID_G
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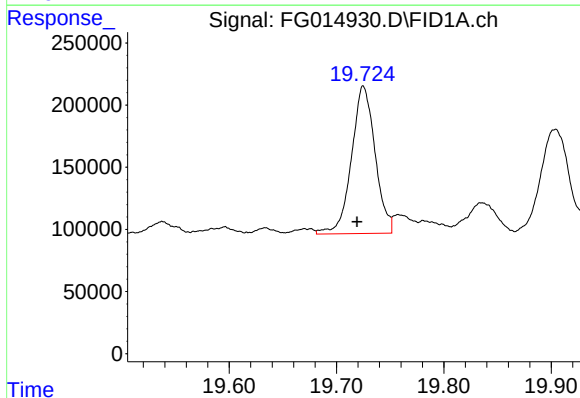
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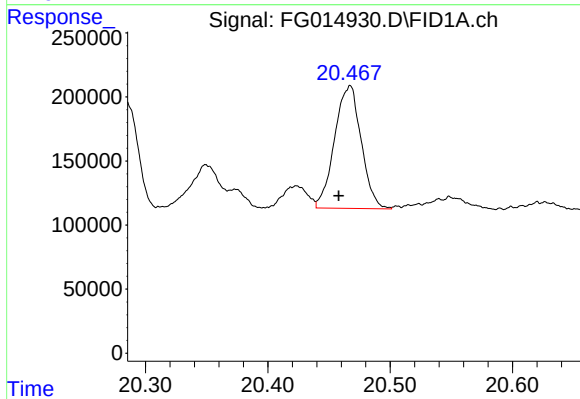
#14 N-DOTRIACONTANE

R.T.: 18.941 min
Delta R.T.: 0.004 min
Response: 2247174
Conc: 19.32 ug/ml



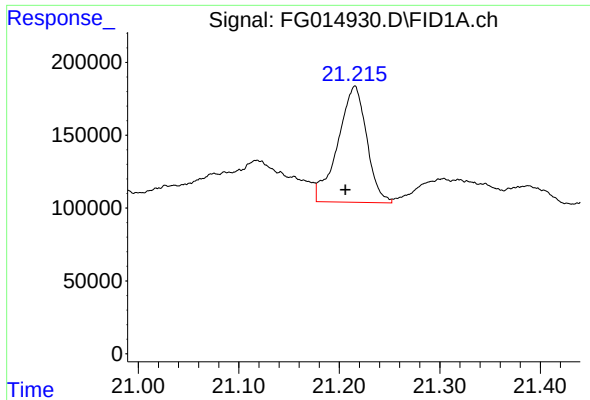
#15 N-TETRATRIACONTANE

R.T.: 19.725 min
Delta R.T.: 0.006 min
Response: 1815274
Conc: 18.00 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.467 min
Delta R.T.: 0.009 min
Response: 1446129
Conc: 17.83 ug/ml



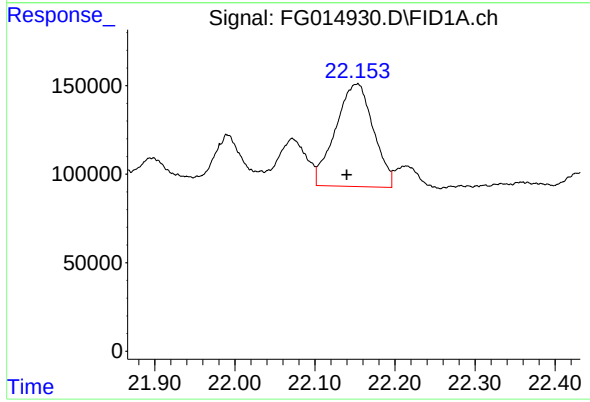
#17 N-OCTATRIACONTANE

R.T.: 21.216 min
Delta R.T.: 0.010 min
Response: 1586558
Conc: 22.97 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.153 min
Delta R.T.: 0.013 min
Response: 1899210
Conc: 30.79 ug/ml