

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG033022\
 Data File : FG009476.D
 Signal(s) : FID1A.ch
 Acq On : 30 Mar 2022 13:03
 Operator : AJ\MA
 Sample : N1645-06
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-06-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 02:00:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032522.M
 Quant Title :
 QLast Update : Sat Mar 26 00:33:44 2022
 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...	14.629	2190809	15.898 ug/mlm
Target Compounds			
1) N-OCTANE	2.234	138570	0.964 ug/ml
2) N-DECANE	4.329	141098	0.965 ug/ml
3) N-DODECANE	6.355	139787	0.937 ug/ml
4) N-TETRADECANE	8.154	143928	0.943 ug/ml
5) N-HEXADECANE	9.760	146967	0.949 ug/ml
6) N-OCTADECANE	11.206	149503	0.937 ug/ml
7) N-EICOSANE	12.521	148290	0.950 ug/ml
8) N-DOCOSANE	13.724	143852	0.929 ug/ml
10) N-TETRACOSANE	14.831	141009	0.914 ug/ml
11) N-HEXACOSANE	15.855	139004	0.916 ug/ml
12) N-OCTACOSANE	16.809	149341	1.008 ug/ml
13) N-TRIACONTANE	17.701	178419	1.251 ug/ml
14) N-DOTRIACONTANE	18.536	181902	1.368 ug/ml
15) N-TETRATRIACONTANE	19.324	159121	1.362 ug/ml
16) N-HEXATRIACONTANE	20.066	135423	1.373 ug/mlm
17) N-OCTATRIACONTANE	20.805	107969	1.245 ug/ml
18) N-TETRACONTANE	21.719	87301	1.027 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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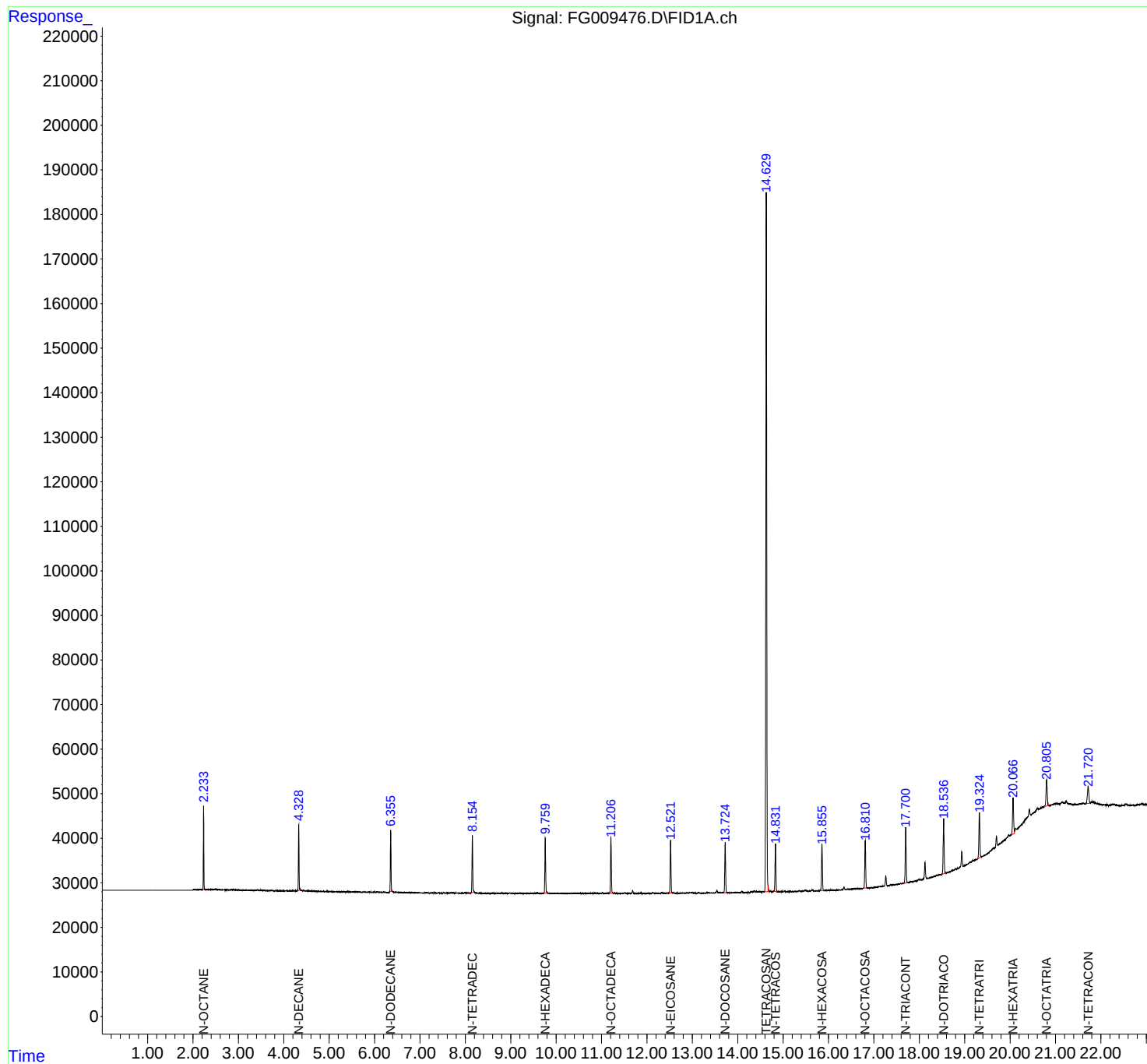
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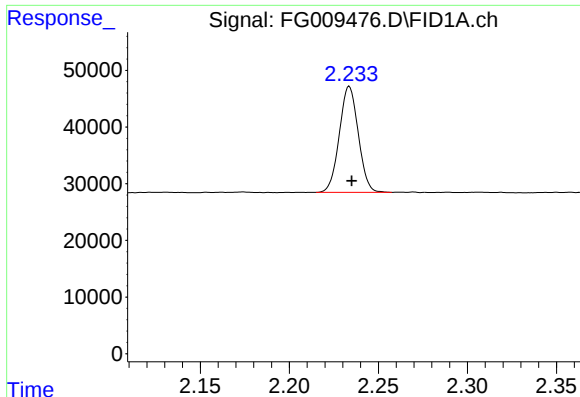
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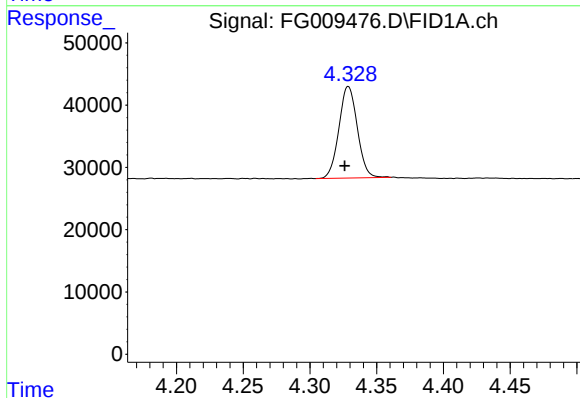
#1 N-OCTANE

R.T.: 2.234 min
Delta R.T.: -0.001 min
Response: 138570
Conc: 0.96 ug/ml

Instrument : FID_G
ClientSampleId : MDL-SOIL-06-QT1-2022

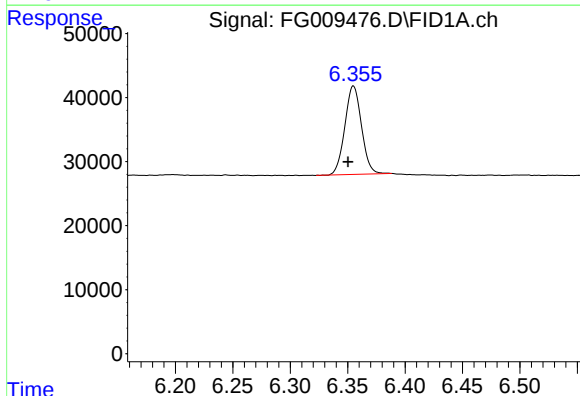
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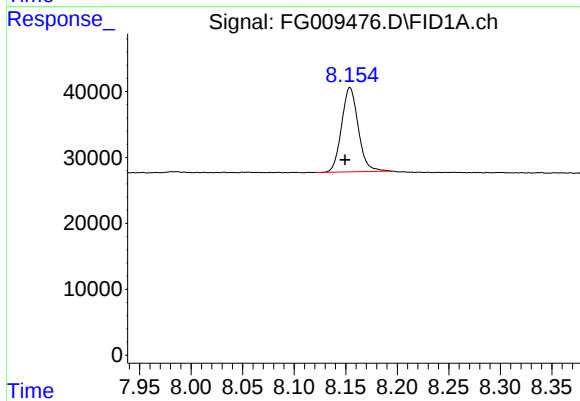
#2 N-DECANE

R.T.: 4.329 min
Delta R.T.: 0.003 min
Response: 141098
Conc: 0.96 ug/ml



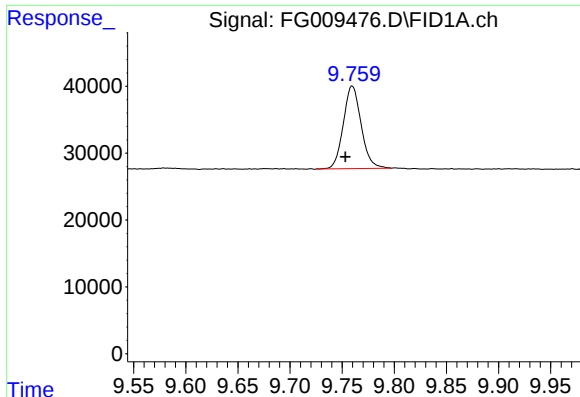
#3 N-DODECANE

R.T.: 6.355 min
Delta R.T.: 0.005 min
Response: 139787
Conc: 0.94 ug/ml



#4 N-TETRADECANE

R.T.: 8.154 min
Delta R.T.: 0.005 min
Response: 143928
Conc: 0.94 ug/ml



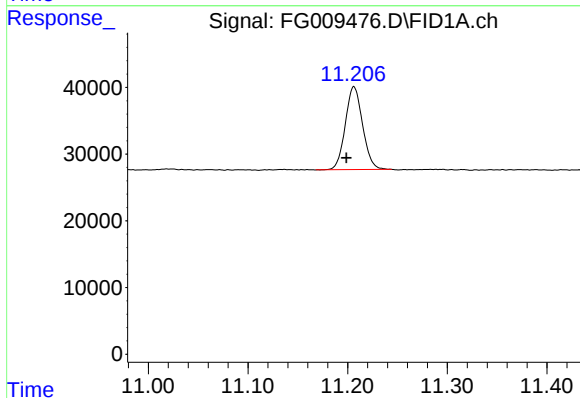
#5 N-HEXADECANE

R.T.: 9.760 min
Delta R.T.: 0.006 min
Response: 146967
Conc: 0.95 ug/ml

Instrument :
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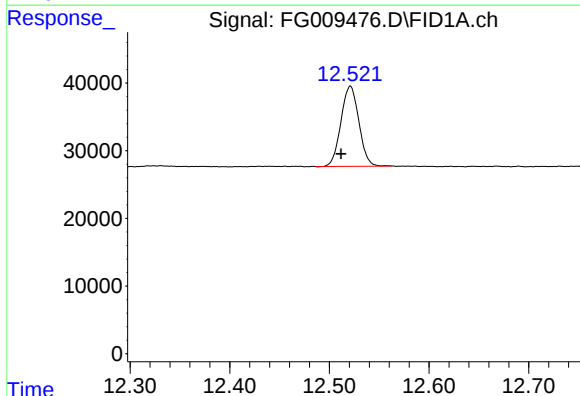
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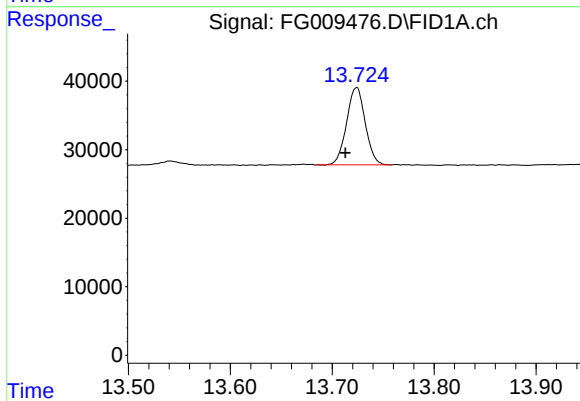
#6 N-OCTADECANE

R.T.: 11.206 min
Delta R.T.: 0.007 min
Response: 149503
Conc: 0.94 ug/ml



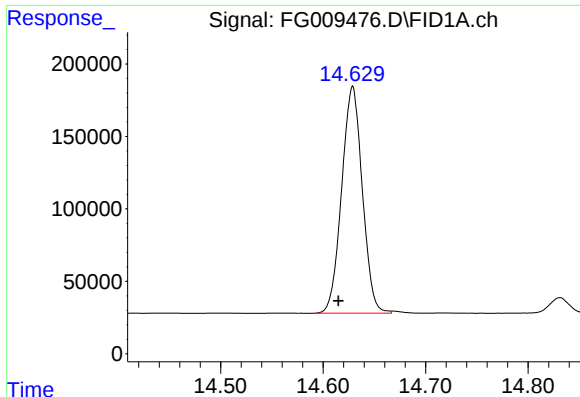
#7 N-EICOSANE

R.T.: 12.521 min
Delta R.T.: 0.009 min
Response: 148290
Conc: 0.95 ug/ml



#8 N-DOCOSANE

R.T.: 13.724 min
Delta R.T.: 0.011 min
Response: 143852
Conc: 0.93 ug/ml



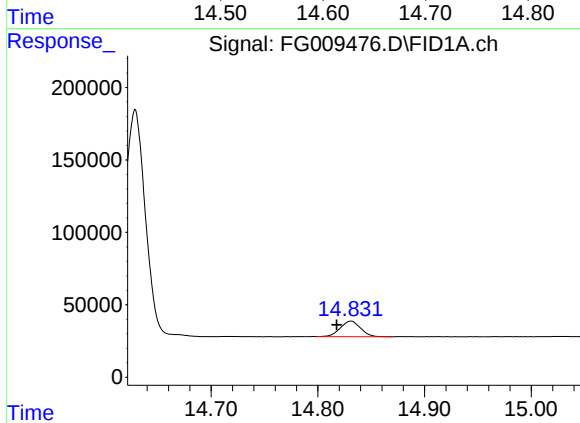
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.629 min
Delta R.T.: 0.014 min
Response: 2190809
Conc: 15.90 ug/ml

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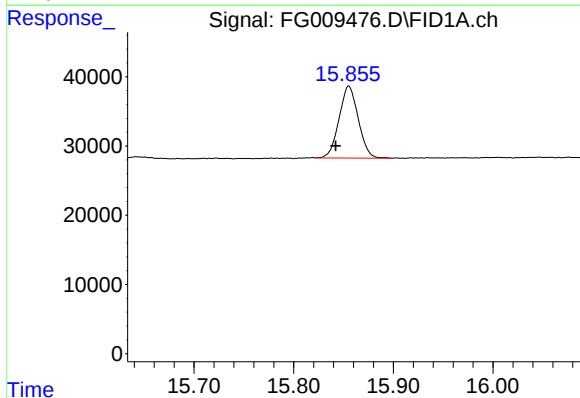
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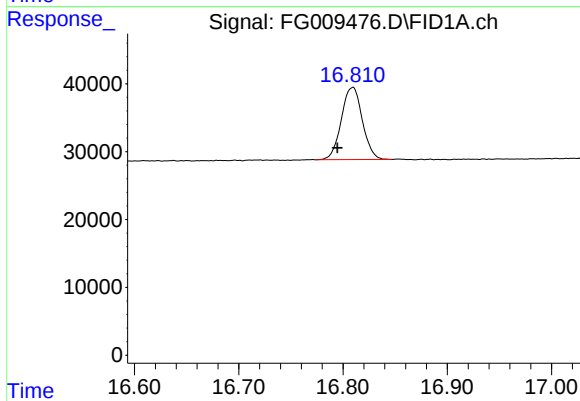
#10 N-TETRACOSANE

R.T.: 14.831 min
Delta R.T.: 0.014 min
Response: 141009
Conc: 0.91 ug/ml



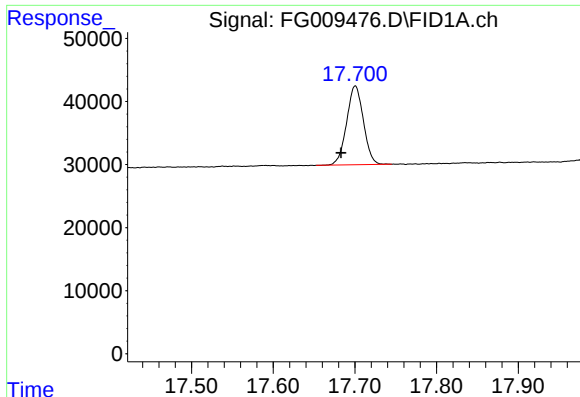
#11 N-HEXACOSANE

R.T.: 15.855 min
Delta R.T.: 0.013 min
Response: 139004
Conc: 0.92 ug/ml



#12 N-OCTACOSANE

R.T.: 16.809 min
Delta R.T.: 0.015 min
Response: 149341
Conc: 1.01 ug/ml



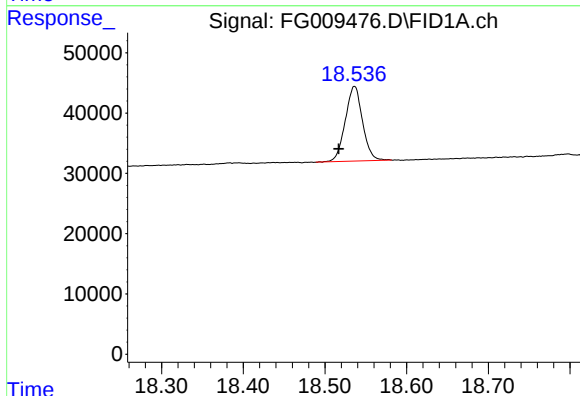
#13 N-TRIACONTANE

R.T.: 17.701 min
Delta R.T.: 0.017 min
Response: 178419
Conc: 1.25 ug/ml

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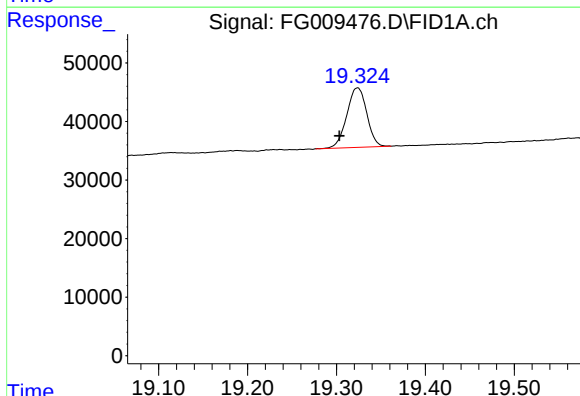
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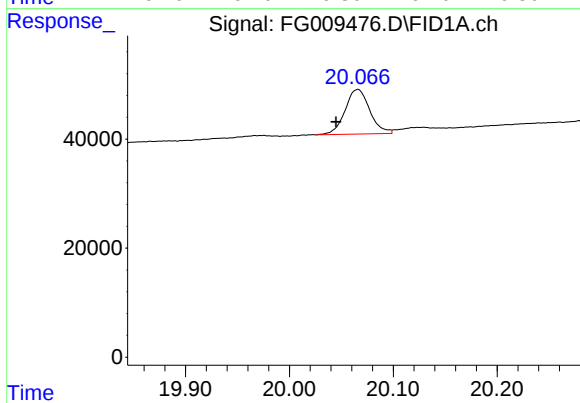
#14 N-DOTRIACONTANE

R.T.: 18.536 min
Delta R.T.: 0.019 min
Response: 181902
Conc: 1.37 ug/ml



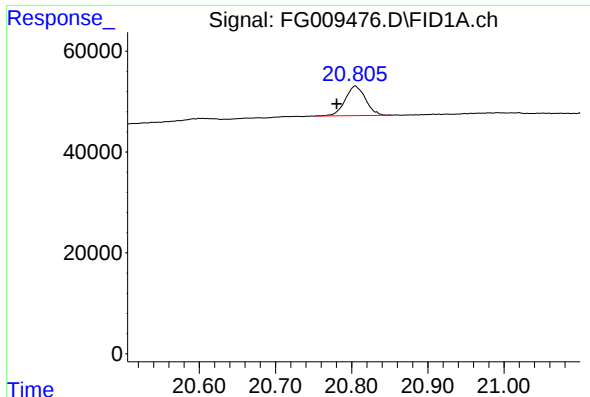
#15 N-TETRATRIACONTANE

R.T.: 19.324 min
Delta R.T.: 0.020 min
Response: 159121
Conc: 1.36 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.066 min
Delta R.T.: 0.021 min
Response: 135423
Conc: 1.37 ug/ml m



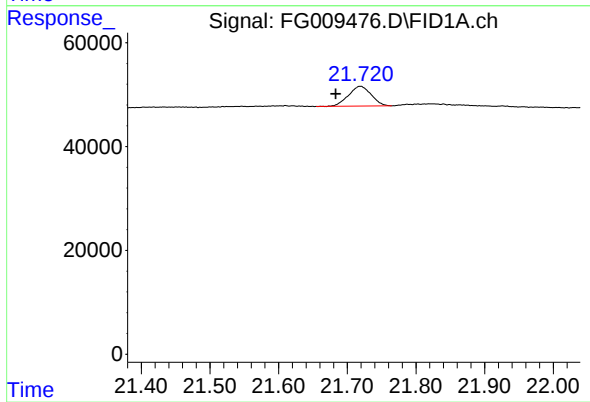
#17 N-OCTATRIACONTANE

R.T.: 20.805 min
Delta R.T.: 0.024 min
Response: 107969
Conc: 1.25 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.719 min
Delta R.T.: 0.036 min
Response: 87301
Conc: 1.03 ug/ml