

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080823\
 Data File : FG012629.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2023 16:17
 Operator : YP\AJ
 Sample : 03572-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/09/2023
 Supervised By :Ankita
 Jodhani

08/09/2023

Integration File: autoint1.e
 Quant Time: Aug 09 02:22:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:57:31 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...	15.080	2658796	23.768 ug/ml
Target Compounds			
1) N-OCTANE	2.081	139915	1.136 ug/ml
2) N-DECANE	4.597	157257	1.238 ug/ml
3) N-DODECANE	6.769	160818	1.252 ug/ml
4) N-TETRADECANE	8.601	166236	1.290 ug/ml
5) N-HEXADECANE	10.213	165270	1.274 ug/ml
6) N-OCTADECANE	11.660	163746	1.248 ug/ml
7) N-EICOSANE	12.973	164417	1.278 ug/ml
8) N-DOCOSANE	14.176	160737	1.271 ug/ml
10) N-TETRACOSANE	15.282	162355	1.284 ug/ml
11) N-HEXACOSANE	16.305	157440	1.258 ug/ml
12) N-OCTACOSANE	17.256	167063	1.359 ug/ml
13) N-TRIACONTANE	18.145	204376	1.726 ug/ml
14) N-DOTRIACONTANE	18.979	225755	2.010 ug/ml
15) N-TETRATRIACONTANE	19.763	194350	2.052 ug/ml
16) N-HEXATRIACONTANE	20.503	147300	1.815 ug/ml
17) N-OCTATRIACONTANE	21.260	116646	1.615 ug/ml
18) N-TETRACONTANE	22.213	102431	1.470 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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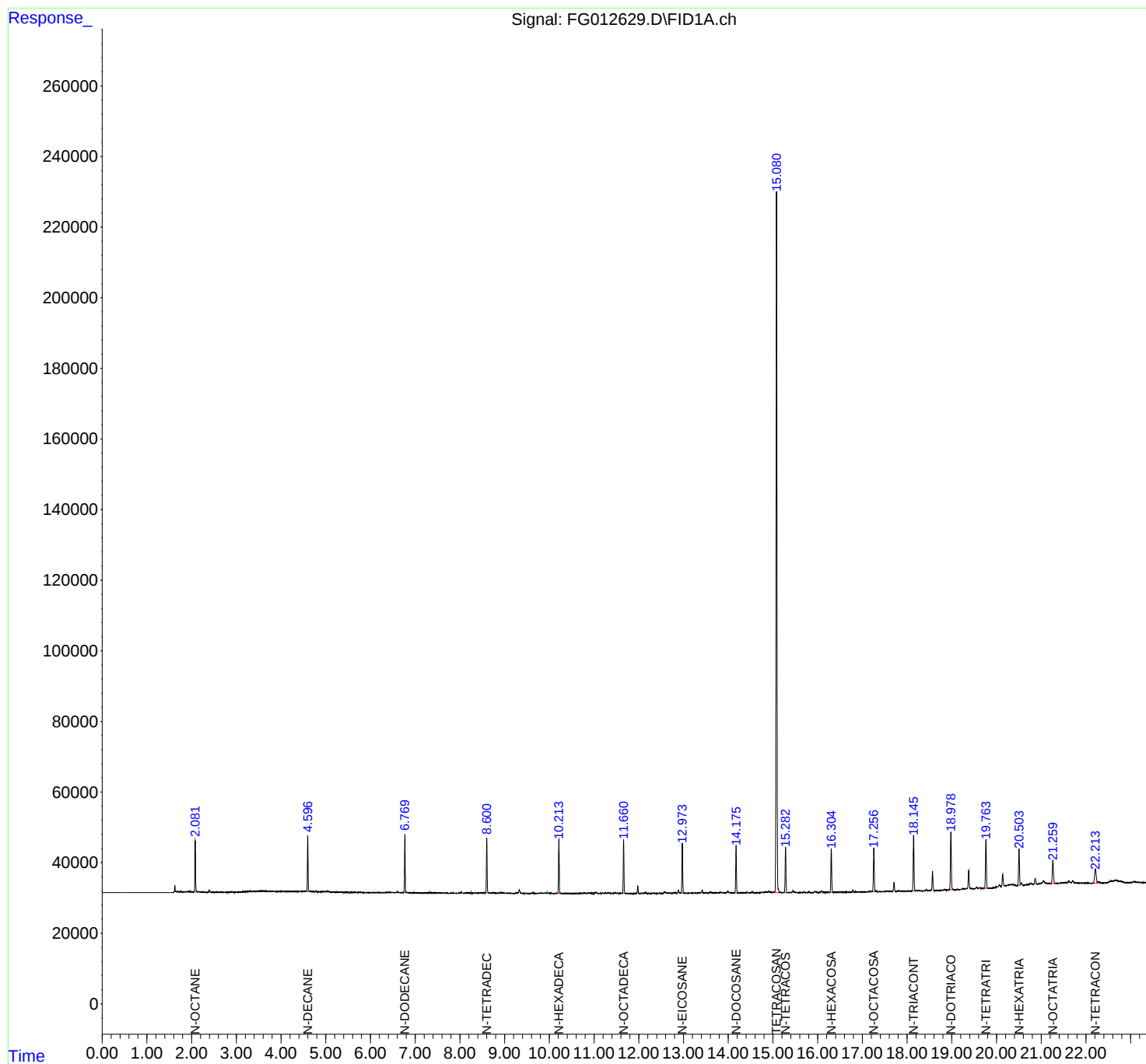
Reviewed By :Yogesh
Patel

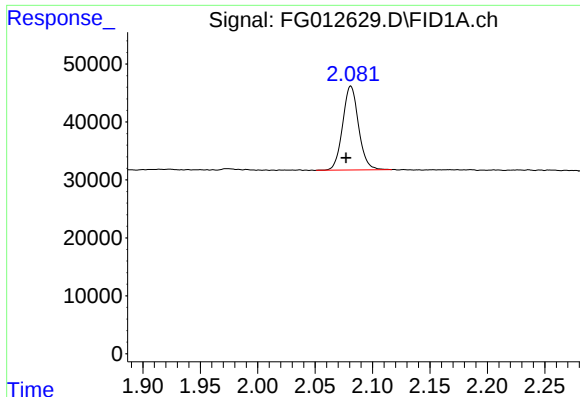
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.081 min
Delta R.T.: 0.004 min
Response: 139915
Conc: 1.14 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2023

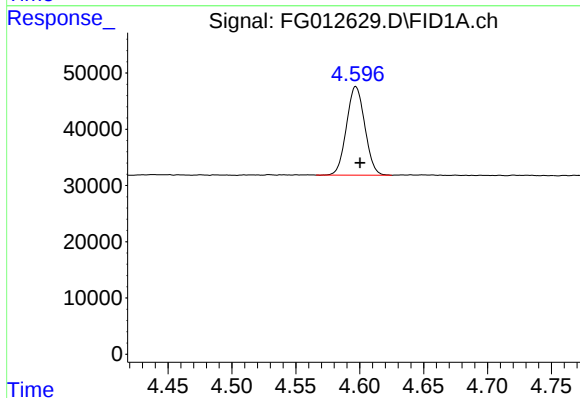
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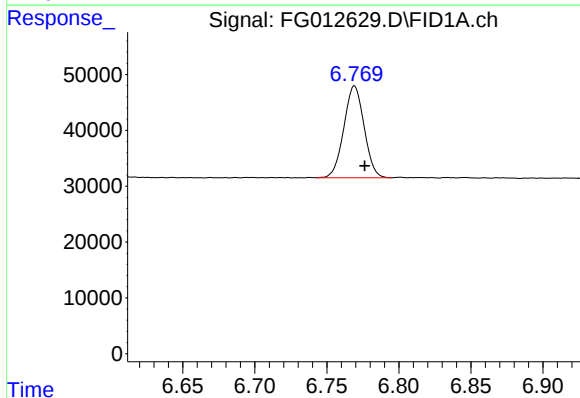
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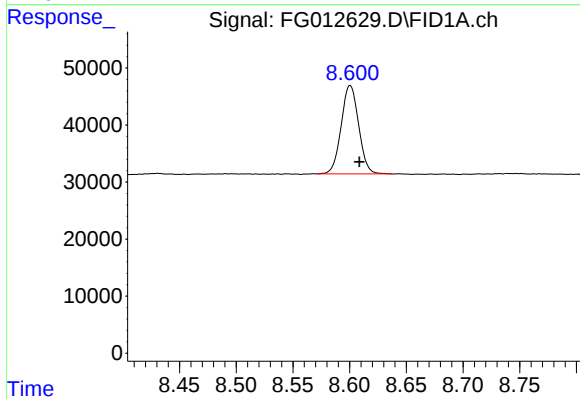
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 157257
Conc: 1.24 ug/ml



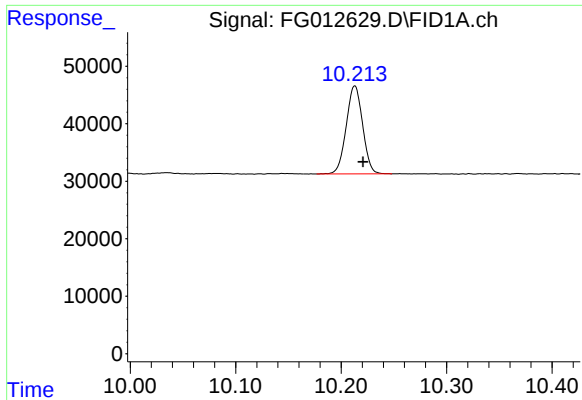
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 160818
Conc: 1.25 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: -0.008 min
Response: 166236
Conc: 1.29 ug/ml



#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: -0.008 min
Response: 165270
Conc: 1.27 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-04-QT3-2023

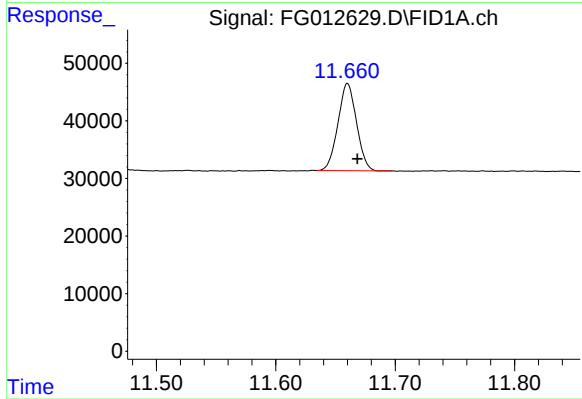
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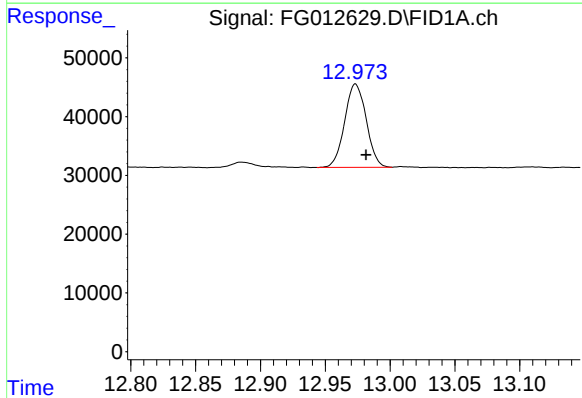
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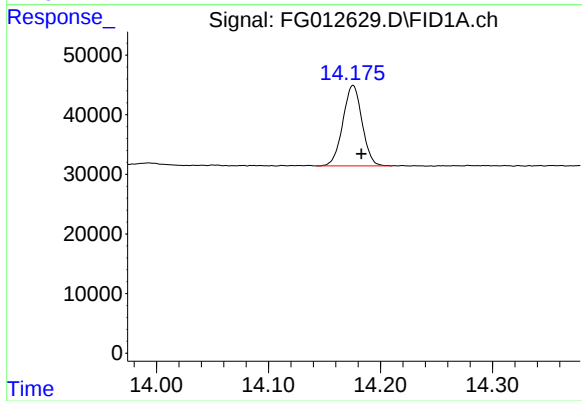
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: -0.008 min
Response: 163746
Conc: 1.25 ug/ml



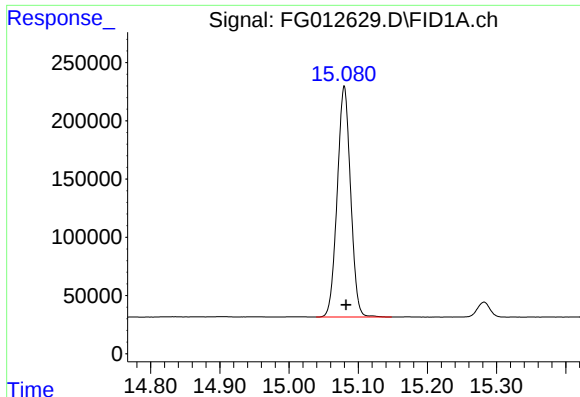
#7 N-EICOSANE

R.T.: 12.973 min
Delta R.T.: -0.008 min
Response: 164417
Conc: 1.28 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min
Delta R.T.: -0.007 min
Response: 160737
Conc: 1.27 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.080 min
Delta R.T.: -0.003 min
Response: 2658796
Conc: 23.77 ug/ml

Instrument :
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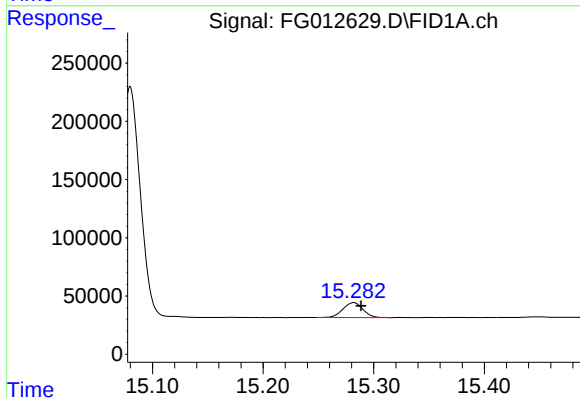
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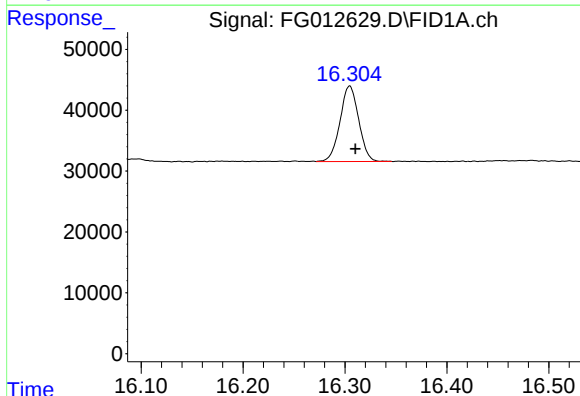
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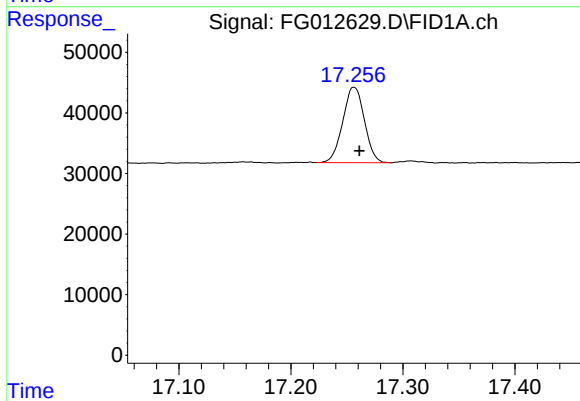
#10 N-TETRACOSANE

R.T.: 15.282 min
Delta R.T.: -0.007 min
Response: 162355
Conc: 1.28 ug/ml



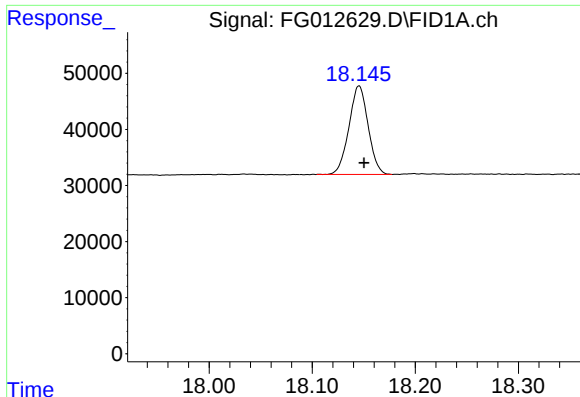
#11 N-HEXACOSANE

R.T.: 16.305 min
Delta R.T.: -0.005 min
Response: 157440
Conc: 1.26 ug/ml



#12 N-OCTACOSANE

R.T.: 17.256 min
Delta R.T.: -0.005 min
Response: 167063
Conc: 1.36 ug/ml



#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: -0.005 min
Response: 204376
Conc: 1.73 ug/ml

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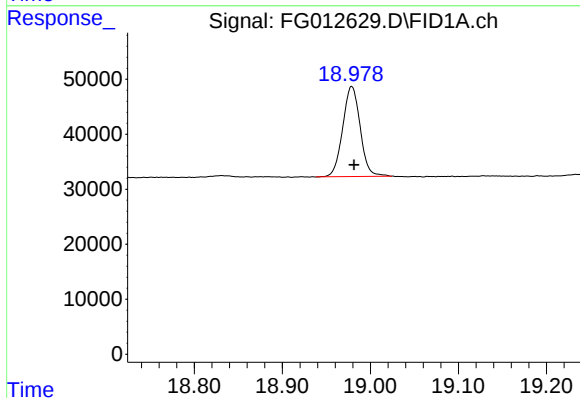
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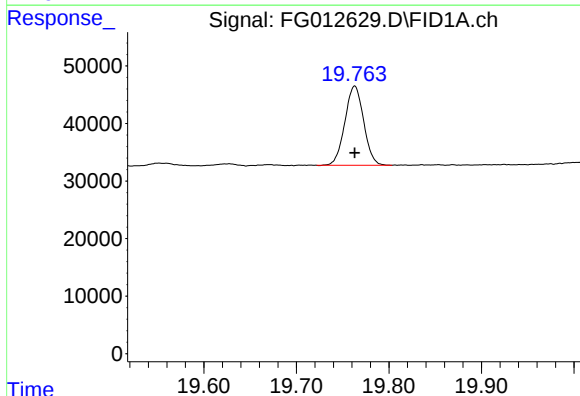
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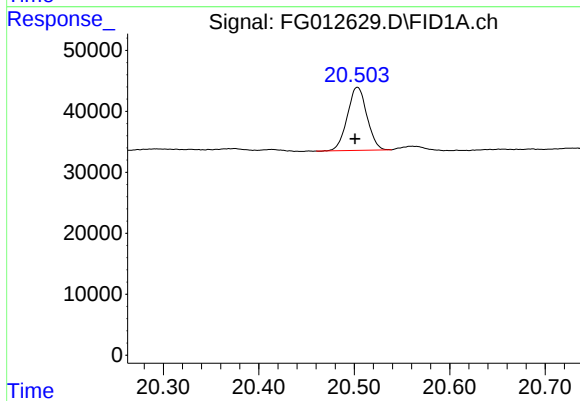
#14 N-DOTRIACONTANE

R.T.: 18.979 min
Delta R.T.: -0.003 min
Response: 225755
Conc: 2.01 ug/ml



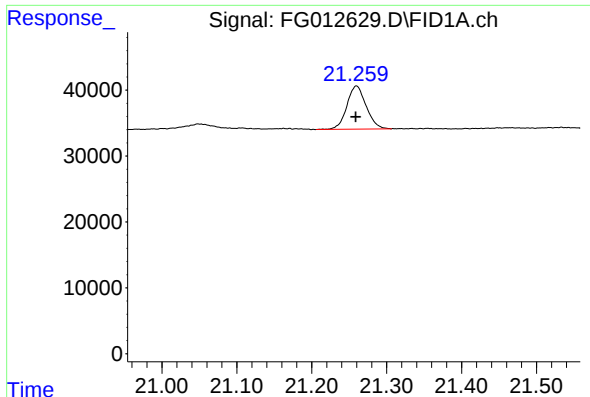
#15 N-TETRATRIACONTANE

R.T.: 19.763 min
Delta R.T.: 0.000 min
Response: 194350
Conc: 2.05 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.503 min
Delta R.T.: 0.002 min
Response: 147300
Conc: 1.82 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.260 min
Delta R.T.: 0.000 min
Response: 116646
Conc: 1.62 ug/ml

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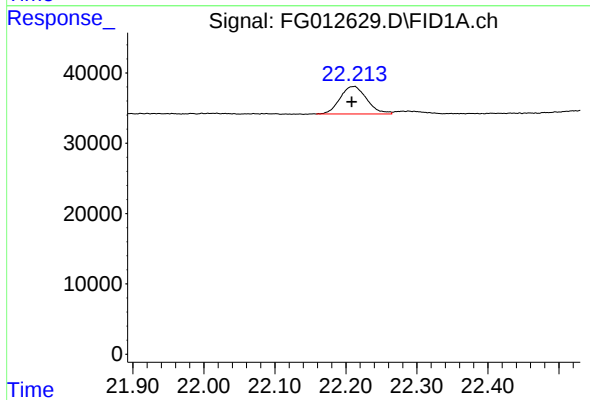
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#18 N-TETRACONTANE

R.T.: 22.213 min
Delta R.T.: 0.004 min
Response: 102431
Conc: 1.47 ug/ml m