

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080823\
 Data File : FG012635.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2023 19:16
 Operator : YP\AJ
 Sample : 03572-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-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 02:26:17 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	2379746	21.273 ug/ml
Target Compounds			
1) N-OCTANE	2.080	590432	4.796 ug/ml
2) N-DECANE	4.597	663025	5.219 ug/ml
3) N-DODECANE	6.769	677719	5.276 ug/ml
4) N-TETRADECANE	8.601	684130	5.311 ug/ml
5) N-HEXADECANE	10.213	693041	5.342 ug/ml
6) N-OCTADECANE	11.661	694468	5.295 ug/ml
7) N-EICOSANE	12.975	686938	5.341 ug/ml
8) N-DOCOSANE	14.176	666850	5.273 ug/ml
10) N-TETRACOSANE	15.282	660781	5.225 ug/ml
11) N-HEXACOSANE	16.304	644623	5.150 ug/ml
12) N-OCTACOSANE	17.256	641752	5.222 ug/ml
13) N-TRIACONTANE	18.145	665137	5.616 ug/ml
14) N-DOTRIACONTANE	18.977	676223	6.021 ug/ml
15) N-TETRATRIACONTANE	19.762	586101	6.188 ug/ml
16) N-HEXATRIACONTANE	20.502	466784	5.752 ug/ml
17) N-OCTATRIACONTANE	21.259	406607	5.631 ug/ml
18) N-TETRACONTANE	22.211	381710	5.478 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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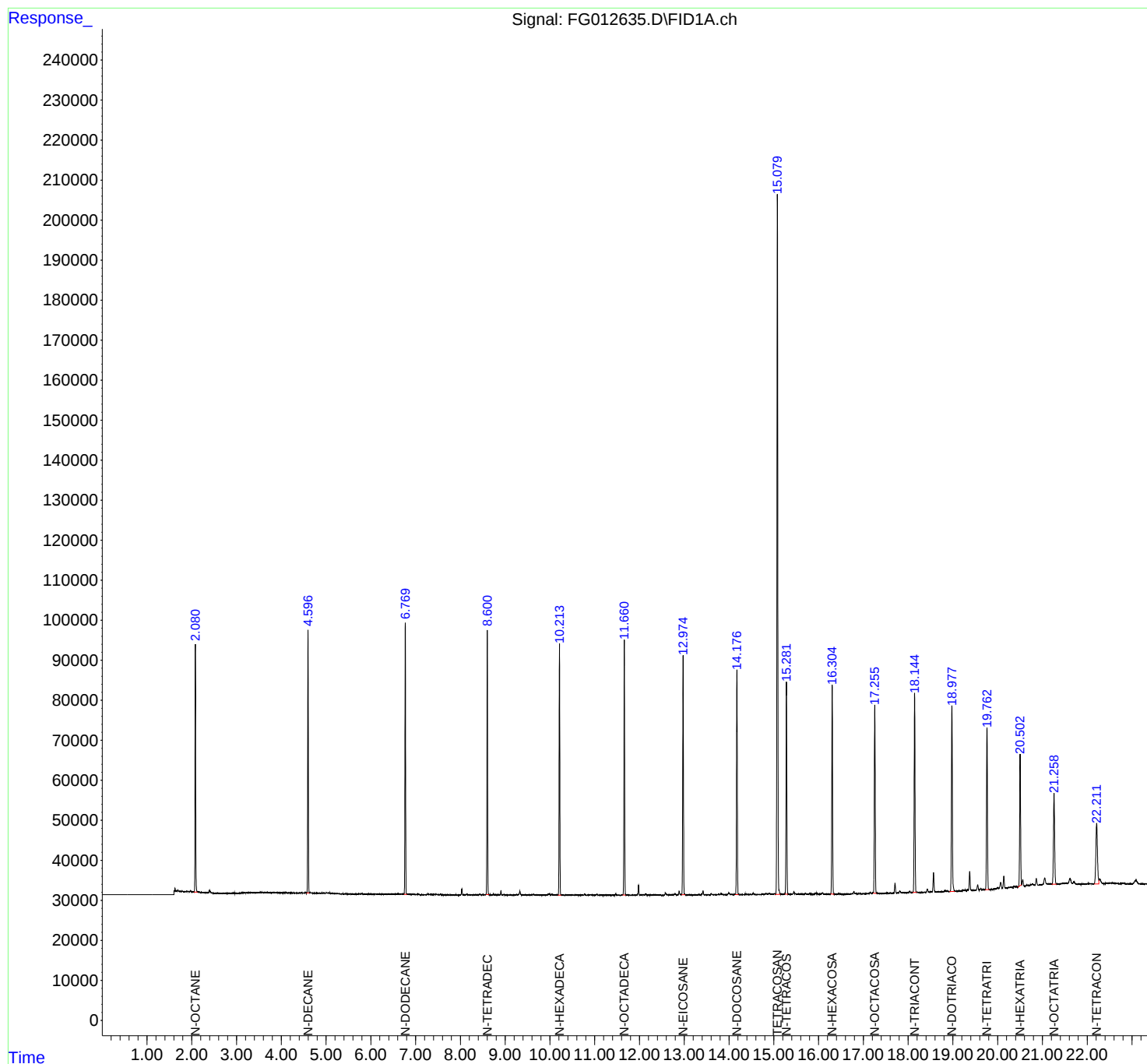
Instrument :
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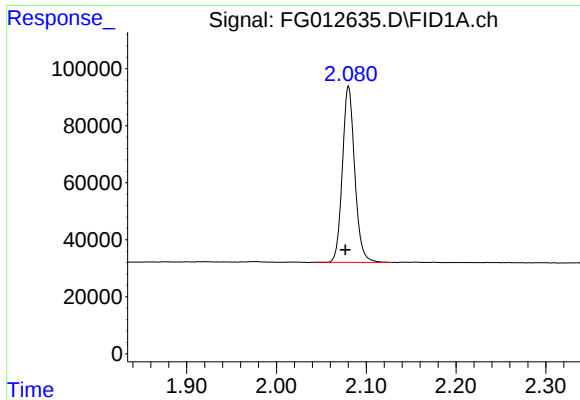
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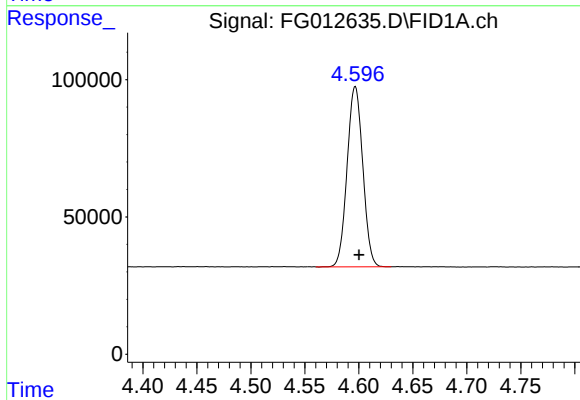
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.003 min
Response: 590432
Conc: 4.80 ug/ml

Instrument : FID_G
ClientSampleId : LOQ-WATER-05-QT3-2023

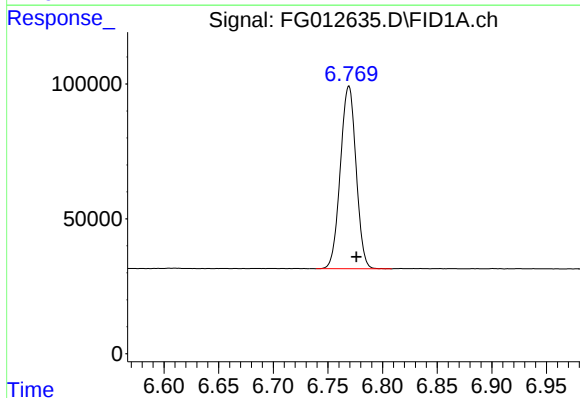
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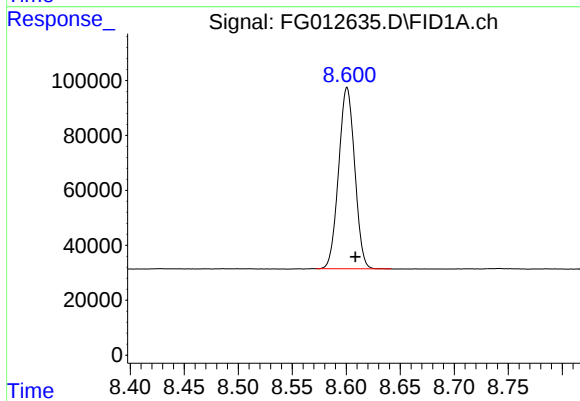
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 663025
Conc: 5.22 ug/ml



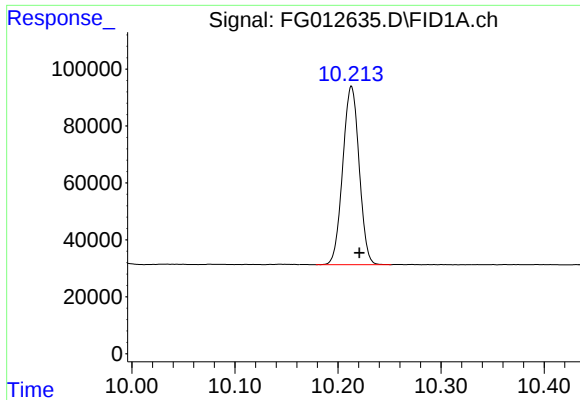
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.007 min
Response: 677719
Conc: 5.28 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: -0.008 min
Response: 684130
Conc: 5.31 ug/ml



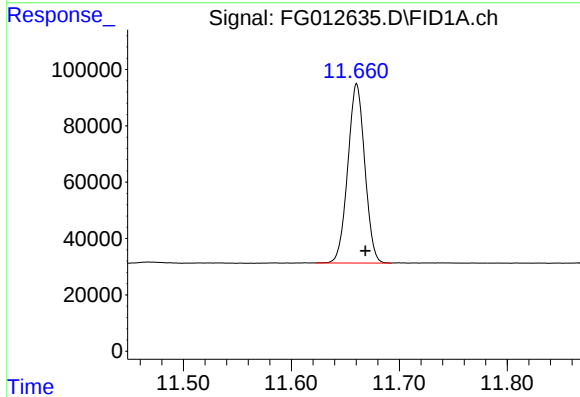
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: -0.008 min
Response: 693041
Conc: 5.34 ug/ml

Instrument :
FID_G
ClientSampleId :
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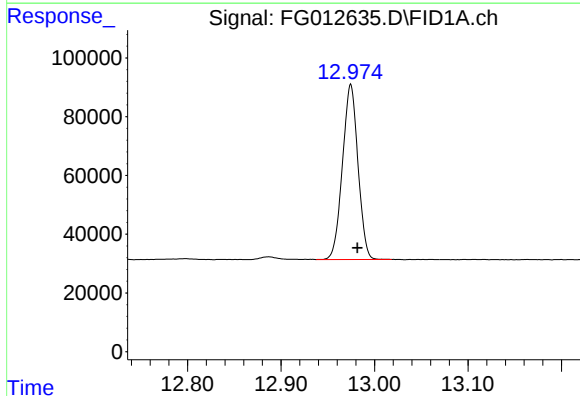
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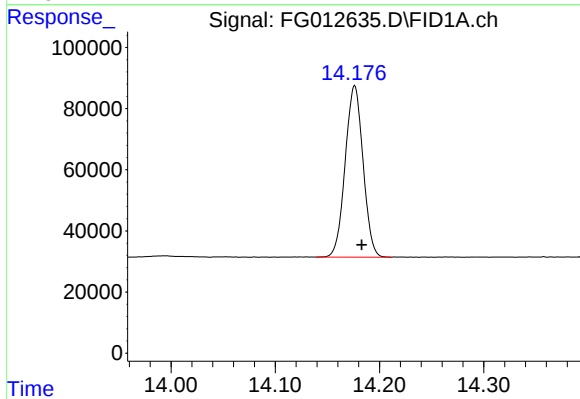
#6 N-OCTADECANE

R.T.: 11.661 min
Delta R.T.: -0.008 min
Response: 694468
Conc: 5.29 ug/ml



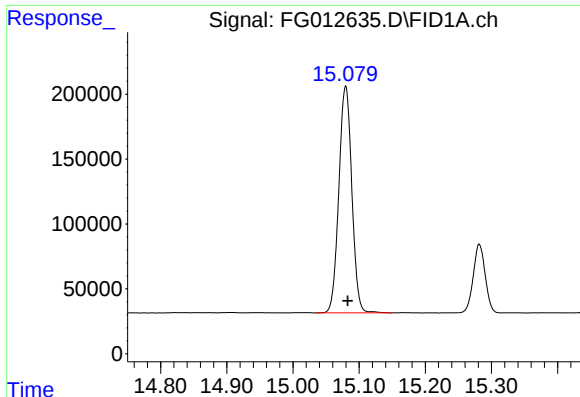
#7 N-EICOSANE

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 686938
Conc: 5.34 ug/ml



#8 N-DOCOSANE

R.T.: 14.176 min
Delta R.T.: -0.007 min
Response: 666850
Conc: 5.27 ug/ml



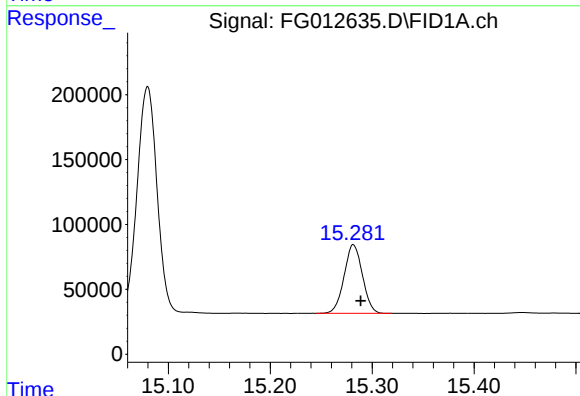
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.080 min
Delta R.T.: -0.003 min
Response: 2379746
Conc: 21.27 ug/ml

Instrument :
FID_G
ClientSampleId :
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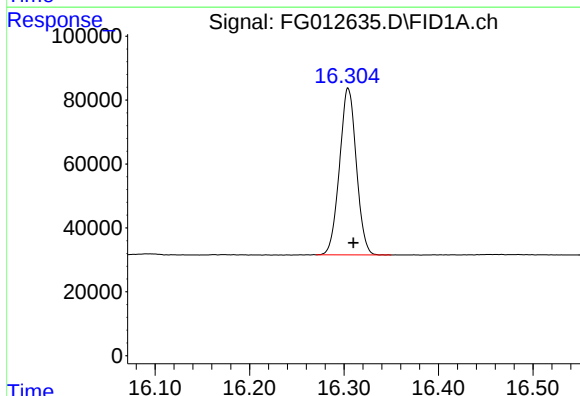
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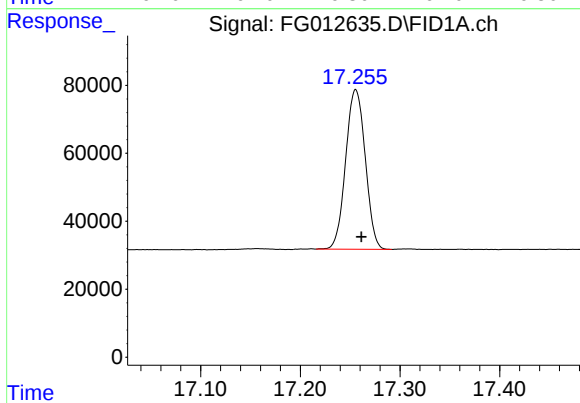
#10 N-TETRACOSANE

R.T.: 15.282 min
Delta R.T.: -0.007 min
Response: 660781
Conc: 5.22 ug/ml



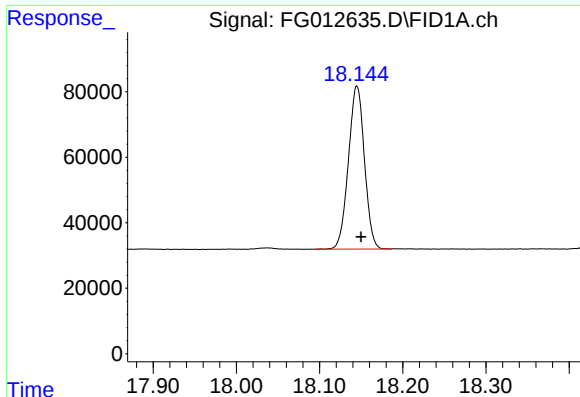
#11 N-HEXACOSANE

R.T.: 16.304 min
Delta R.T.: -0.006 min
Response: 644623
Conc: 5.15 ug/ml



#12 N-OCTACOSANE

R.T.: 17.256 min
Delta R.T.: -0.006 min
Response: 641752
Conc: 5.22 ug/ml



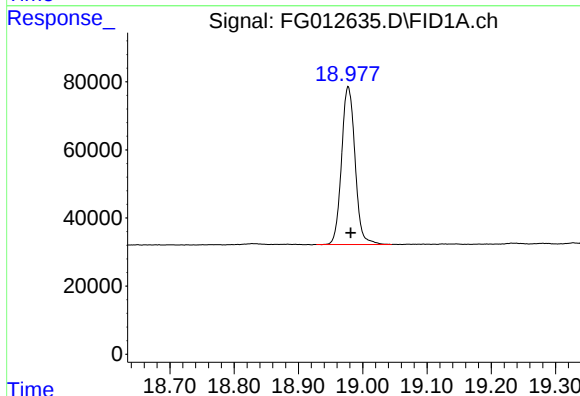
#13 N-TRIACONTANE

R.T.: 18.145 min
Delta R.T.: -0.005 min
Response: 665137
Conc: 5.62 ug/ml

Instrument :
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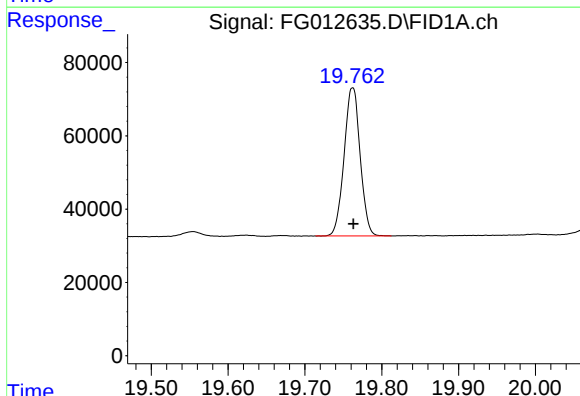
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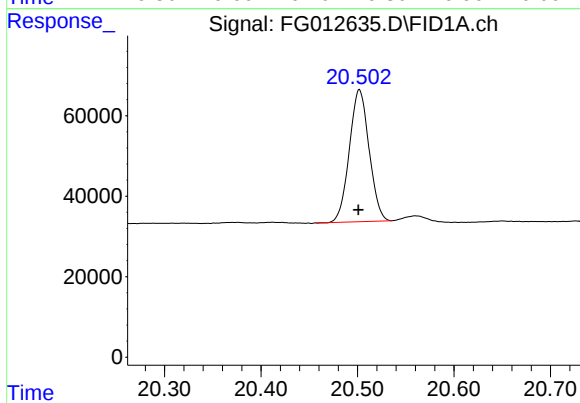
#14 N-DOTRIACONTANE

R.T.: 18.977 min
Delta R.T.: -0.004 min
Response: 676223
Conc: 6.02 ug/ml



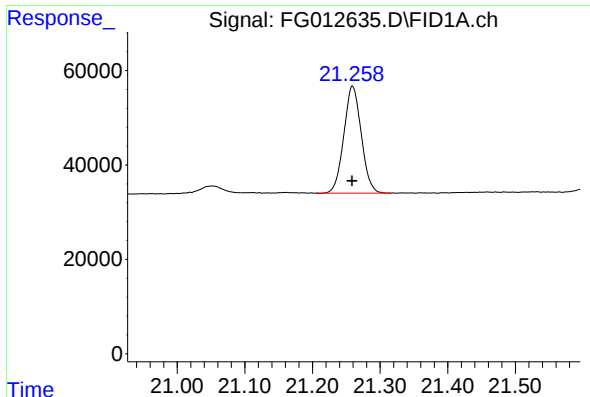
#15 N-TETRATRIACONTANE

R.T.: 19.762 min
Delta R.T.: -0.001 min
Response: 586101
Conc: 6.19 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.502 min
Delta R.T.: 0.001 min
Response: 466784
Conc: 5.75 ug/ml



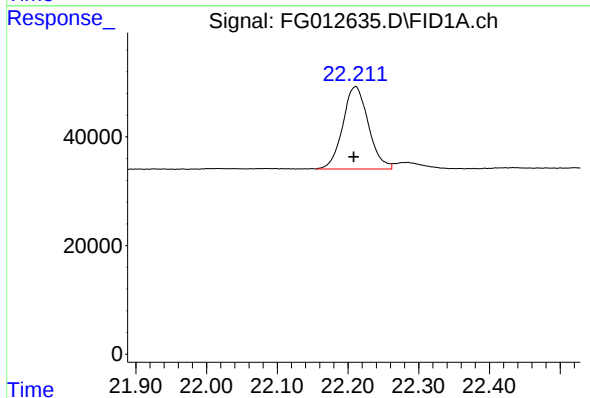
#17 N-OCTATRIACONTANE

R.T.: 21.259 min
Delta R.T.: 0.000 min
Response: 406607
Conc: 5.63 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.211 min
Delta R.T.: 0.003 min
Response: 381710
Conc: 5.48 ug/ml m