

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080223\
 Data File : FG012609.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2023 18:25
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2023
 Supervised By :Ankita Jodhani 08/03/2023

Integration File: autoint1.e
 Quant Time: Aug 02 18:54:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080223.M
 Quant Title :
 QLast Update : Wed Aug 02 18:52:24 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...	15.075	573797	5.150 ug/ml
Target Compounds			
1) N-OCTANE	2.080	630363	5.062 ug/ml
2) N-DECANE	4.596	652960	5.097 ug/ml
3) N-DODECANE	6.769	660038	5.102 ug/ml
4) N-TETRADECANE	8.601	661887	5.105 ug/ml
5) N-HEXADECANE	10.213	665113	5.099 ug/ml
6) N-OCTADECANE	11.660	674290	5.135 ug/ml
7) N-EICOSANE	12.974	658441	5.116 ug/ml
8) N-DOCOSANE	14.174	650037	5.152 ug/ml
10) N-TETRACOSANE	15.277	652482	5.187 ug/ml
11) N-HEXACOSANE	16.301	645936	5.197 ug/ml
12) N-OCTACOSANE	17.253	634142	5.198 ug/ml
13) N-TRIACONTANE	18.141	618676	5.312 ug/ml
14) N-DOTRIACONTANE	18.974	628608	5.972 ug/ml
15) N-TETRATRIACONTANE	19.755	502280	5.456 ug/ml
16) N-HEXATRIACONTANE	20.497	433399	5.524 ug/ml
17) N-OCTATRIACONTANE	21.251	378894	5.362 ug/ml
18) N-TETRACONTANE	22.199	369090	5.458 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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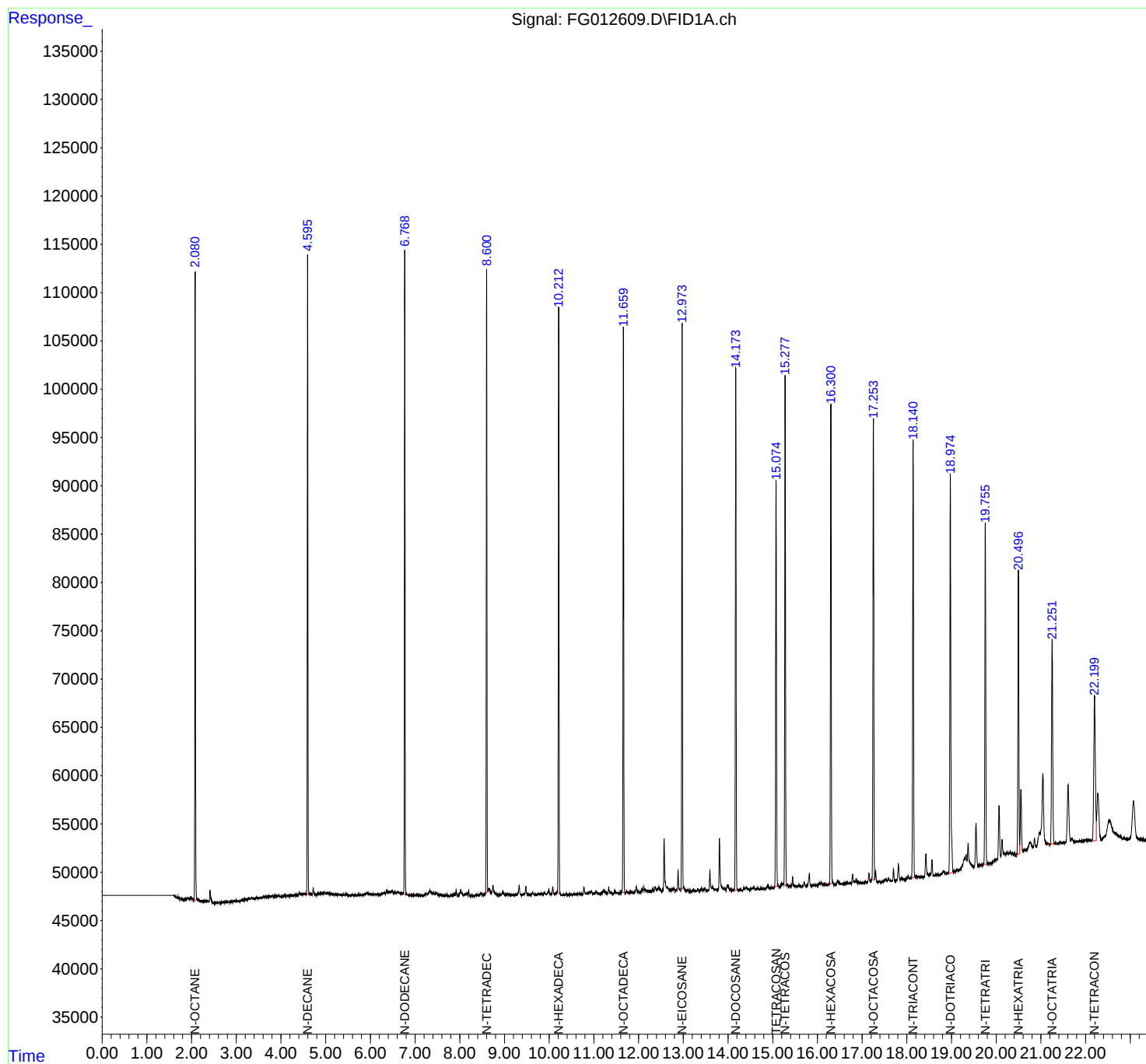
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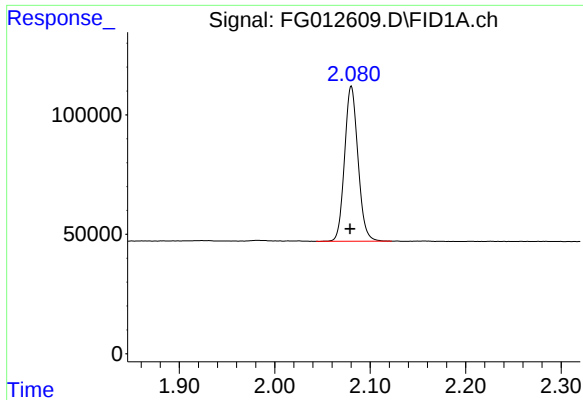
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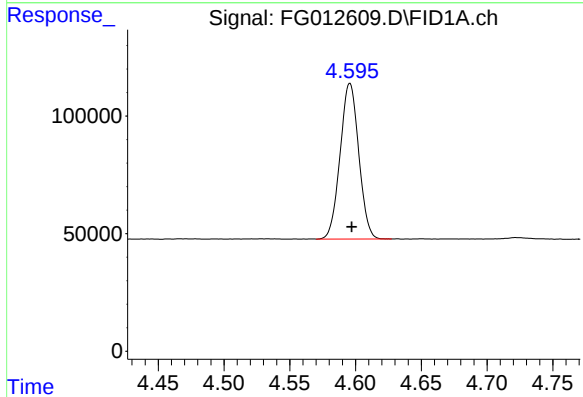
#1 N-OCTANE

R.T.: 2.080 min
Delta R.T.: 0.001 min
Response: 630363
Conc: 5.06 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

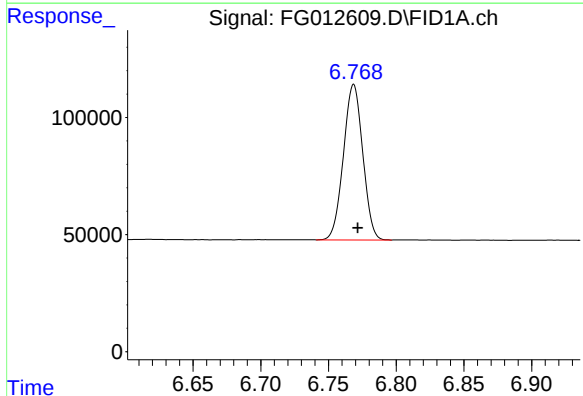
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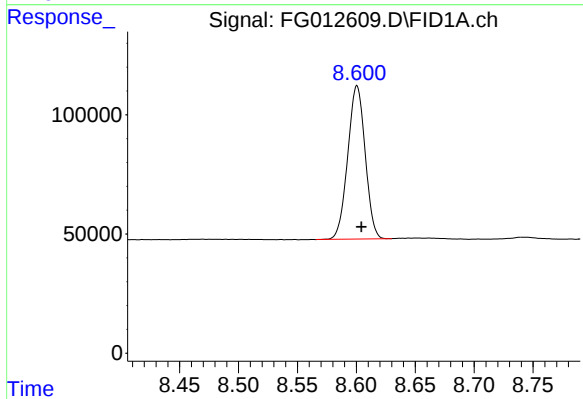
#2 N-DECANE

R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 652960
Conc: 5.10 ug/ml



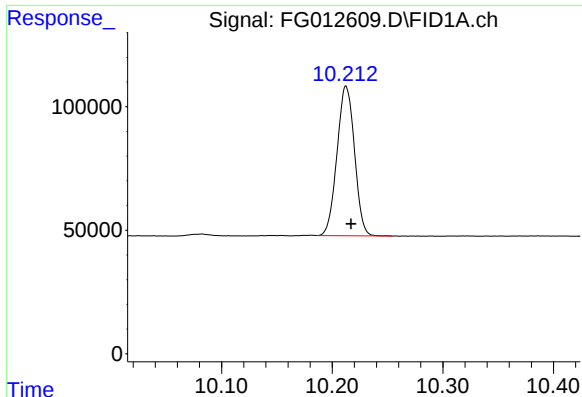
#3 N-DODECANE

R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 660038
Conc: 5.10 ug/ml



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: -0.004 min
Response: 661887
Conc: 5.10 ug/ml



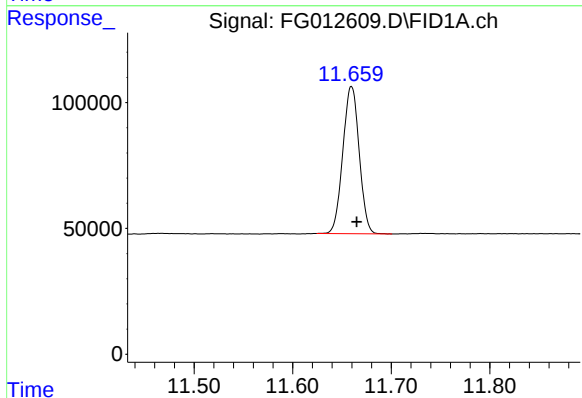
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: -0.005 min
Response: 665113
Conc: 5.10 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD

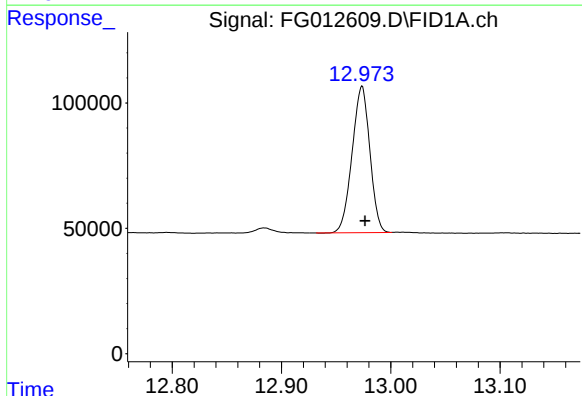
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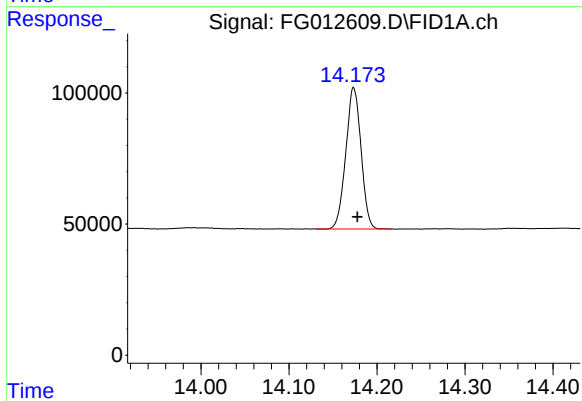
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: -0.005 min
Response: 674290
Conc: 5.13 ug/ml



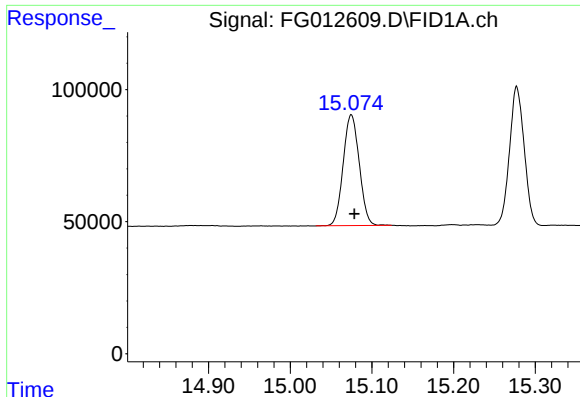
#7 N-EICOSANE

R.T.: 12.974 min
Delta R.T.: -0.003 min
Response: 658441
Conc: 5.12 ug/ml



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: -0.004 min
Response: 650037
Conc: 5.15 ug/ml



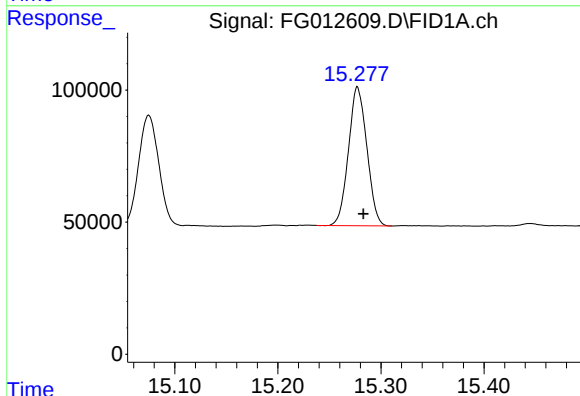
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: -0.004 min
Response: 573797
Conc: 5.15 ug/ml

Instrument :
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5 TRPH STD

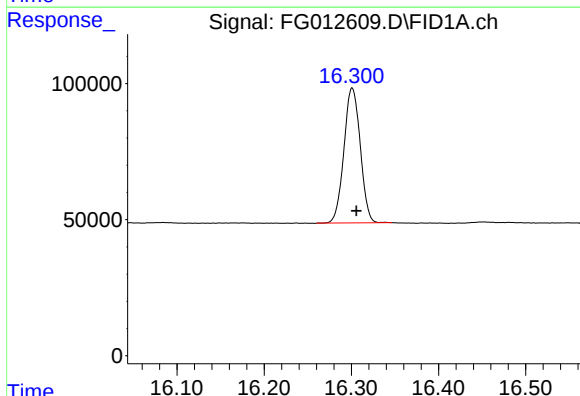
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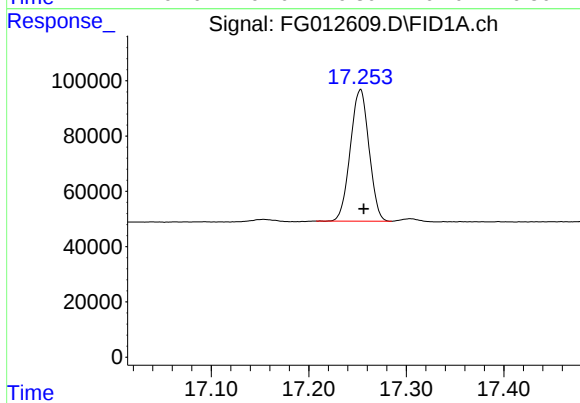
#10 N-TETRACOSANE

R.T.: 15.277 min
Delta R.T.: -0.006 min
Response: 652482
Conc: 5.19 ug/ml



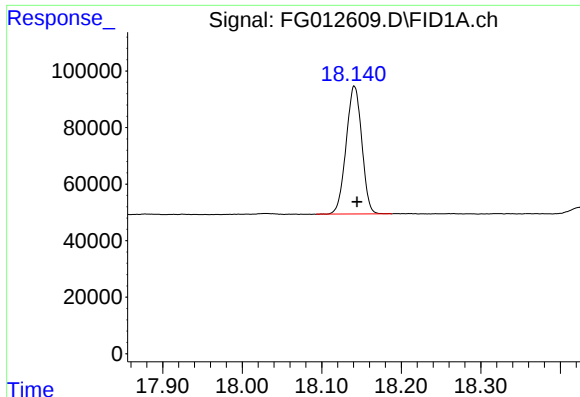
#11 N-HEXACOSANE

R.T.: 16.301 min
Delta R.T.: -0.005 min
Response: 645936
Conc: 5.20 ug/ml



#12 N-OCTACOSANE

R.T.: 17.253 min
Delta R.T.: -0.003 min
Response: 634142
Conc: 5.20 ug/ml



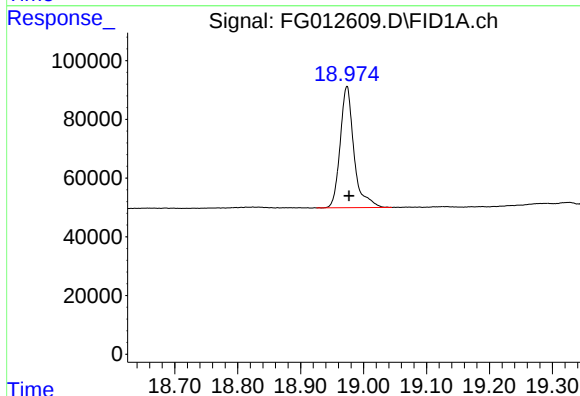
#13 N-TRIACONTANE

R.T.: 18.141 min
Delta R.T.: -0.003 min
Response: 618676
Conc: 5.31 ug/ml

Instrument :
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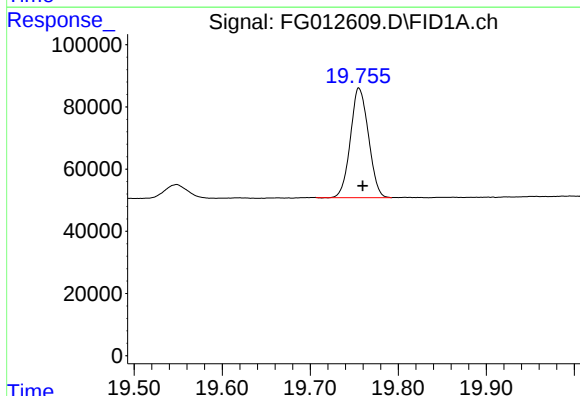
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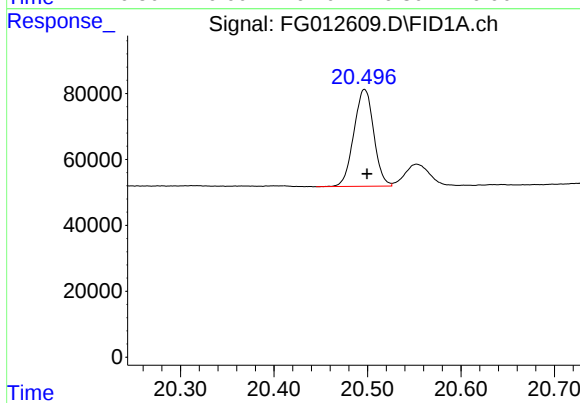
#14 N-DOTRIACONTANE

R.T.: 18.974 min
Delta R.T.: -0.003 min
Response: 628608
Conc: 5.97 ug/ml



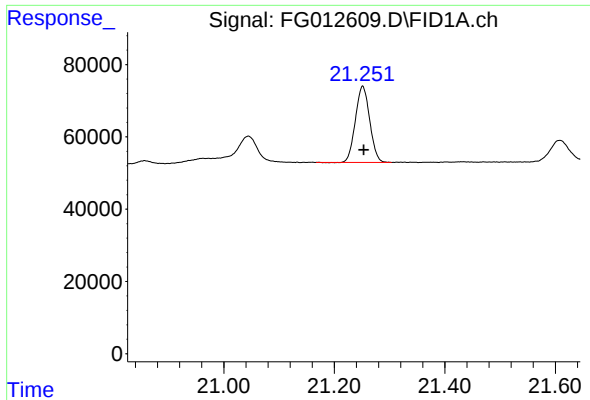
#15 N-TETRATRIACONTANE

R.T.: 19.755 min
Delta R.T.: -0.004 min
Response: 502280
Conc: 5.46 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.497 min
Delta R.T.: -0.003 min
Response: 433399
Conc: 5.52 ug/ml



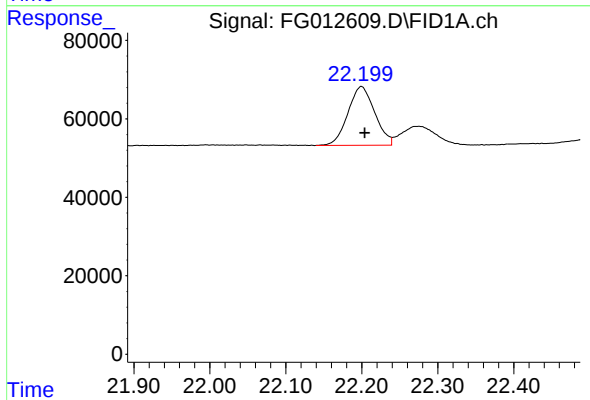
#17 N-OCTATRIACONTANE

R.T.: 21.251 min
Delta R.T.: -0.002 min
Response: 378894
Conc: 5.36 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.199 min
Delta R.T.: -0.005 min
Response: 369090
Conc: 5.46 ug/ml m