

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062722\
 Data File : FG010002.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 01:36
 Operator : AJ\MA
 Sample : N3494-24MS 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SP-EXC-1-3-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 05:14:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 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...	14.820	254167	2.415 ug/mlm
Target Compounds			
1) N-OCTANE	1.835	199628	1.593 ug/mlm
2) N-DECANE	4.343	422582	3.346 ug/mlm
3) N-DODECANE	6.544	237120	1.880 ug/ml
4) N-TETRADECANE	8.373	68362	0.538 ug/mlm
5) N-HEXADECANE	9.962	584622	4.635 ug/mlm
6) N-OCTADECANE	11.408	596476	4.726 ug/mlm
7) N-EICOSANE	12.720	605129	4.948 ug/mlm
8) N-DOCOSANE	13.924	1496152	12.408 ug/ml
10) N-TETRACOSANE	15.029	1099656	9.383 ug/ml
11) N-HEXACOSANE	16.051	800277	7.054 ug/mlm
12) N-OCTACOSANE	17.004	707465	6.182 ug/mlm
13) N-TRIACONTANE	17.890	578708	5.374 ug/mlm
14) N-DOTRIACONTANE	18.727	336390	3.196 ug/mlm
15) N-TETRATRIACONTANE	19.513	642772	6.694 ug/mlm
16) N-HEXATRIACONTANE	20.254	308319	3.815 ug/mlm
17) N-OCTATRIACONTANE	20.971	466737	6.499 ug/mlm
18) N-TETRACONTANE	21.823	1031270	14.686 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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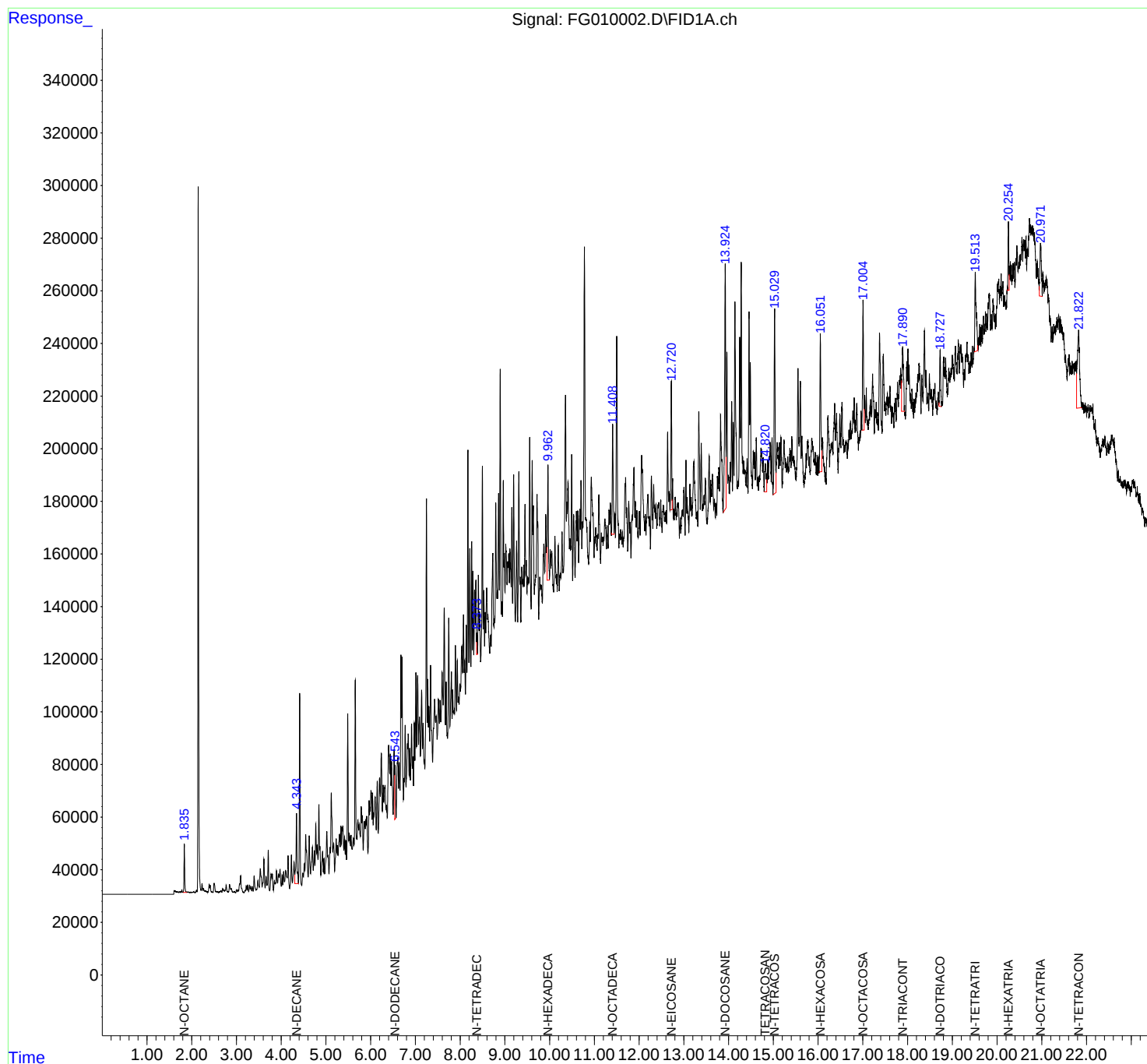
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SP-EXC-1-3-GRMS

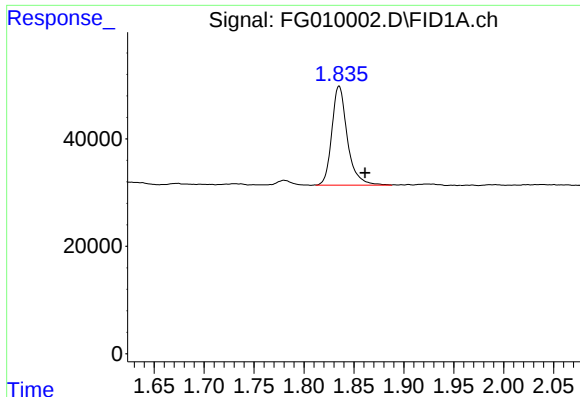
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Signal Info : 20mx0.18mmx0.18um





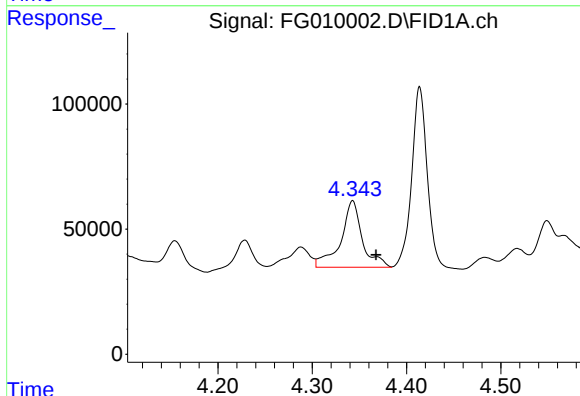
#1 N-OCTANE

R.T.: 1.835 min
Delta R.T.: -0.026 min
Response: 199628
Conc: 1.59 ug/ml

Instrument :
FID_G
ClientSampleId :
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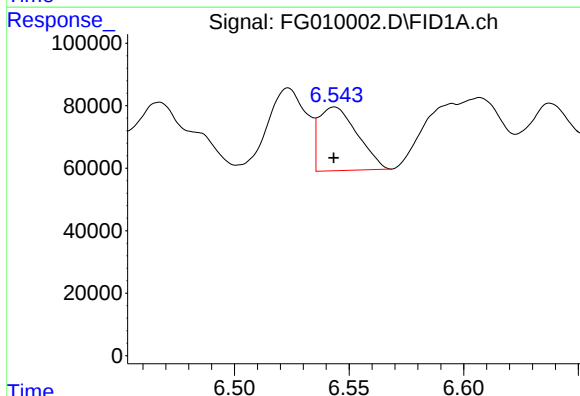
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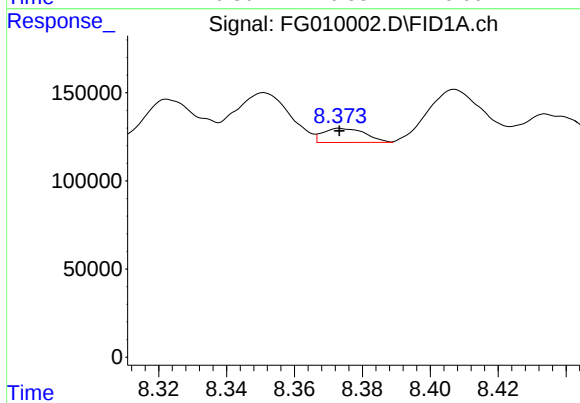
#2 N-DECANE

R.T.: 4.343 min
Delta R.T.: -0.025 min
Response: 422582
Conc: 3.35 ug/ml m



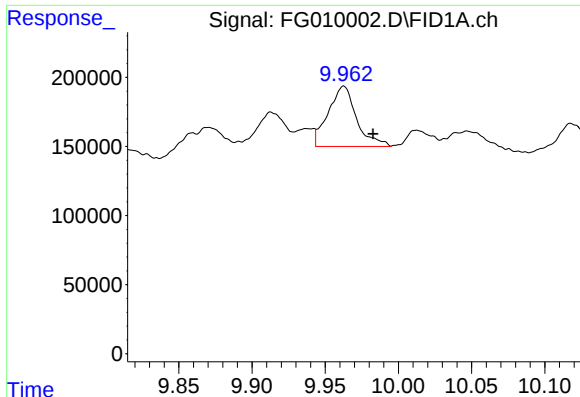
#3 N-DODECANE

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 237120
Conc: 1.88 ug/ml



#4 N-TETRADECANE

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 68362
Conc: 0.54 ug/ml m



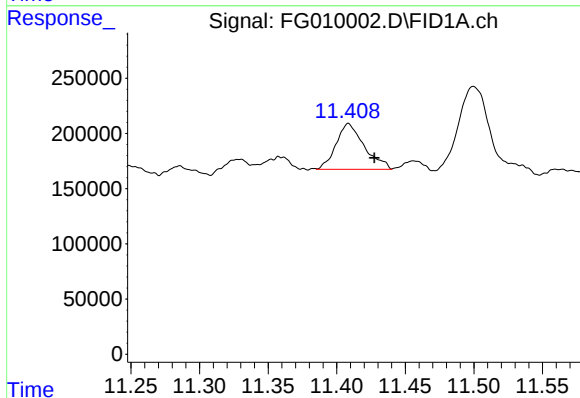
#5 N-HEXADECANE

R.T.: 9.962 min
Delta R.T.: -0.020 min
Response: 584622
Conc: 4.64 ug/ml

Instrument :
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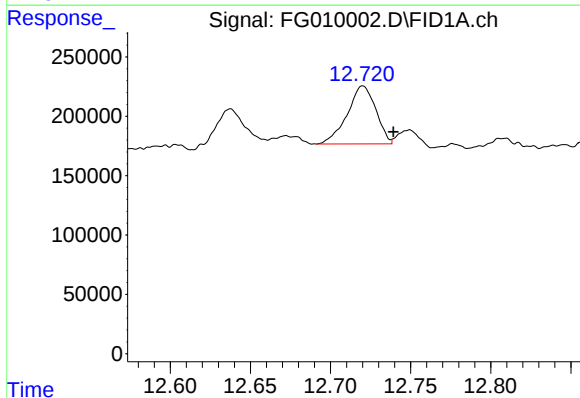
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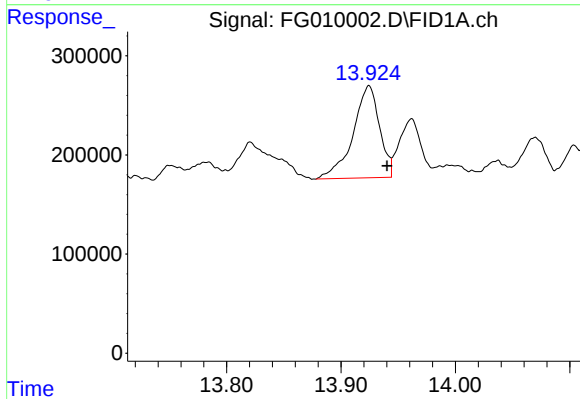
#6 N-OCTADECANE

R.T.: 11.408 min
Delta R.T.: -0.019 min
Response: 596476
Conc: 4.73 ug/ml m



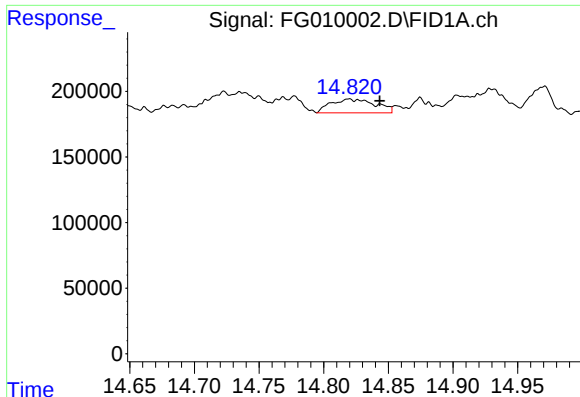
#7 N-EICOSANE

R.T.: 12.720 min
Delta R.T.: -0.019 min
Response: 605129
Conc: 4.95 ug/ml m



#8 N-DOCOSANE

R.T.: 13.924 min
Delta R.T.: -0.016 min
Response: 1496152
Conc: 12.41 ug/ml



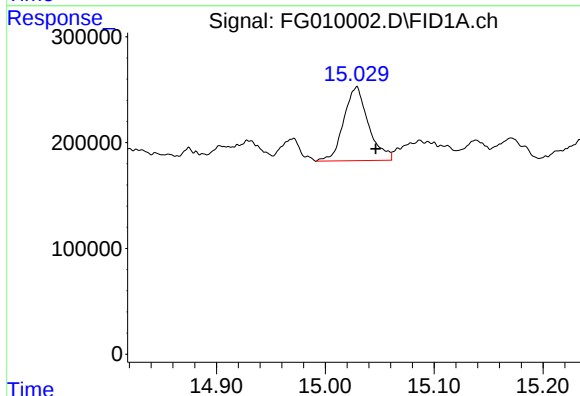
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.820 min
Delta R.T.: -0.023 min
Response: 254167
Conc: 2.41 ug/ml

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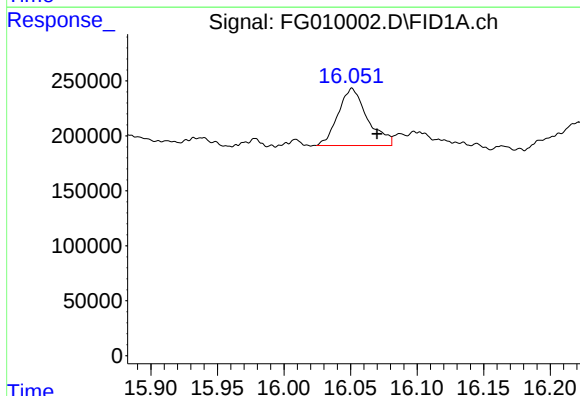
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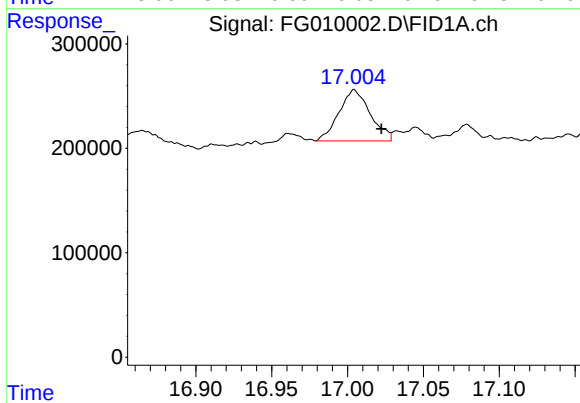
#10 N-TETRACOSANE

R.T.: 15.029 min
Delta R.T.: -0.017 min
Response: 1099656
Conc: 9.38 ug/ml



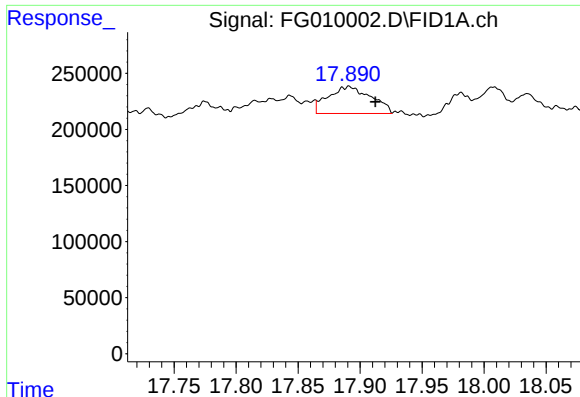
#11 N-HEXACOSANE

R.T.: 16.051 min
Delta R.T.: -0.019 min
Response: 800277
Conc: 7.05 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.004 min
Delta R.T.: -0.019 min
Response: 707465
Conc: 6.18 ug/ml m



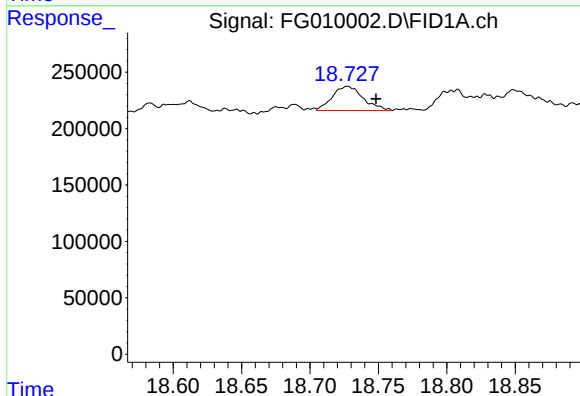
#13 N-TRIACONTANE

R.T.: 17.890 min
Delta R.T.: -0.022 min
Response: 578708
Conc: 5.37 ug/ml

Instrument :
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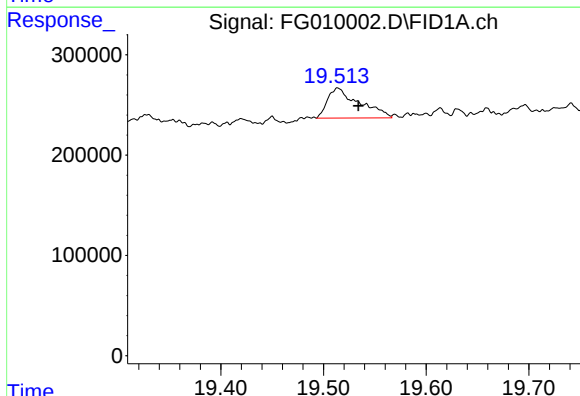
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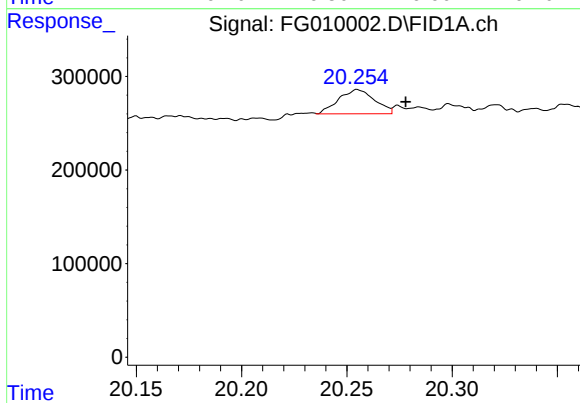
#14 N-DOTRIACONTANE

R.T.: 18.727 min
Delta R.T.: -0.021 min
Response: 336390
Conc: 3.20 ug/ml m



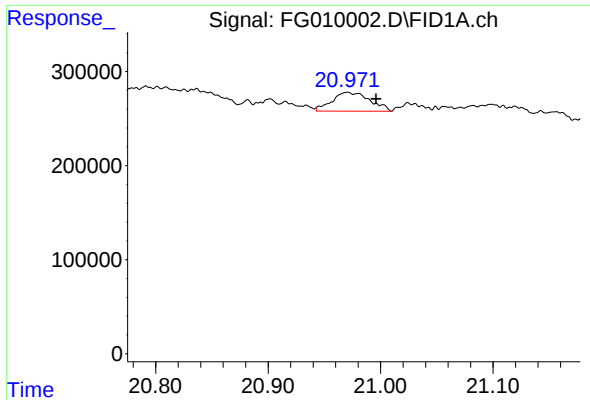
#15 N-TETRATRIACONTANE

R.T.: 19.513 min
Delta R.T.: -0.021 min
Response: 642772
Conc: 6.69 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.254 min
Delta R.T.: -0.024 min
Response: 308319
Conc: 3.82 ug/ml m



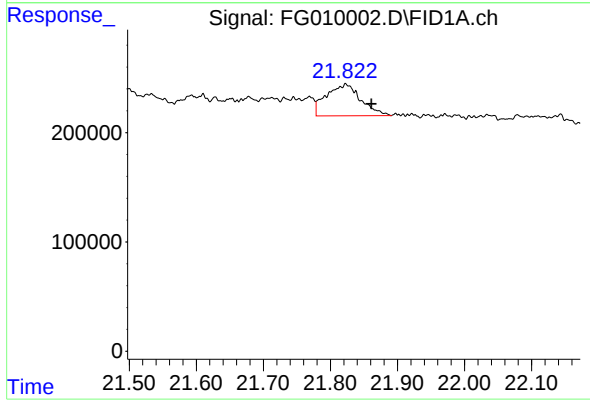
#17 N-OCTATRIACONTANE

R.T.: 20.971 min
Delta R.T.: -0.025 min
Response: 466737
Conc: 6.50 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.823 min
Delta R.T.: -0.038 min
Response: 1031270
Conc: 14.69 ug/ml