

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062722\
 Data File : FG010003.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 02:05
 Operator : AJ\MA
 Sample : N3494-24MSD 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2022
 Supervised By :Ankita Jodhani 07/13/2022

Integration File: autoint1.e
 Quant Time: Jun 28 05:14:33 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...	14.826	283113	2.690 ug/mlm
Target Compounds			
1) N-OCTANE	1.835	217716	1.737 ug/ml
2) N-DECANE	4.343	469023	3.714 ug/mlm
3) N-DODECANE	6.545	283257	2.245 ug/ml
4) N-TETRADECANE	8.372	91207	0.718 ug/mlm
5) N-HEXADECANE	9.963	712290	5.647 ug/mlm
6) N-OCTADECANE	11.408	833057	6.600 ug/mlm
7) N-EICOSANE	12.721	737265	6.028 ug/mlm
8) N-DOCOSANE	13.923	1628357	13.504 ug/mlm
10) N-TETRACOSANE	15.031	1070214	9.131 ug/mlm
11) N-HEXACOSANE	16.055	782754	6.900 ug/mlm
12) N-OCTACOSANE	17.006	748537	6.541 ug/mlm
13) N-TRIACONTANE	17.894	611090	5.675 ug/mlm
14) N-DOTRIACONTANE	18.727	414526	3.938 ug/mlm
15) N-TETRATRIACONTANE	19.516	632407	6.586 ug/mlm
16) N-HEXATRIACONTANE	20.257	400524	4.956 ug/mlm
17) N-OCTATRIACONTANE	20.974	473490	6.593 ug/mlm
18) N-TETRACONTANE	21.827	769399	10.957 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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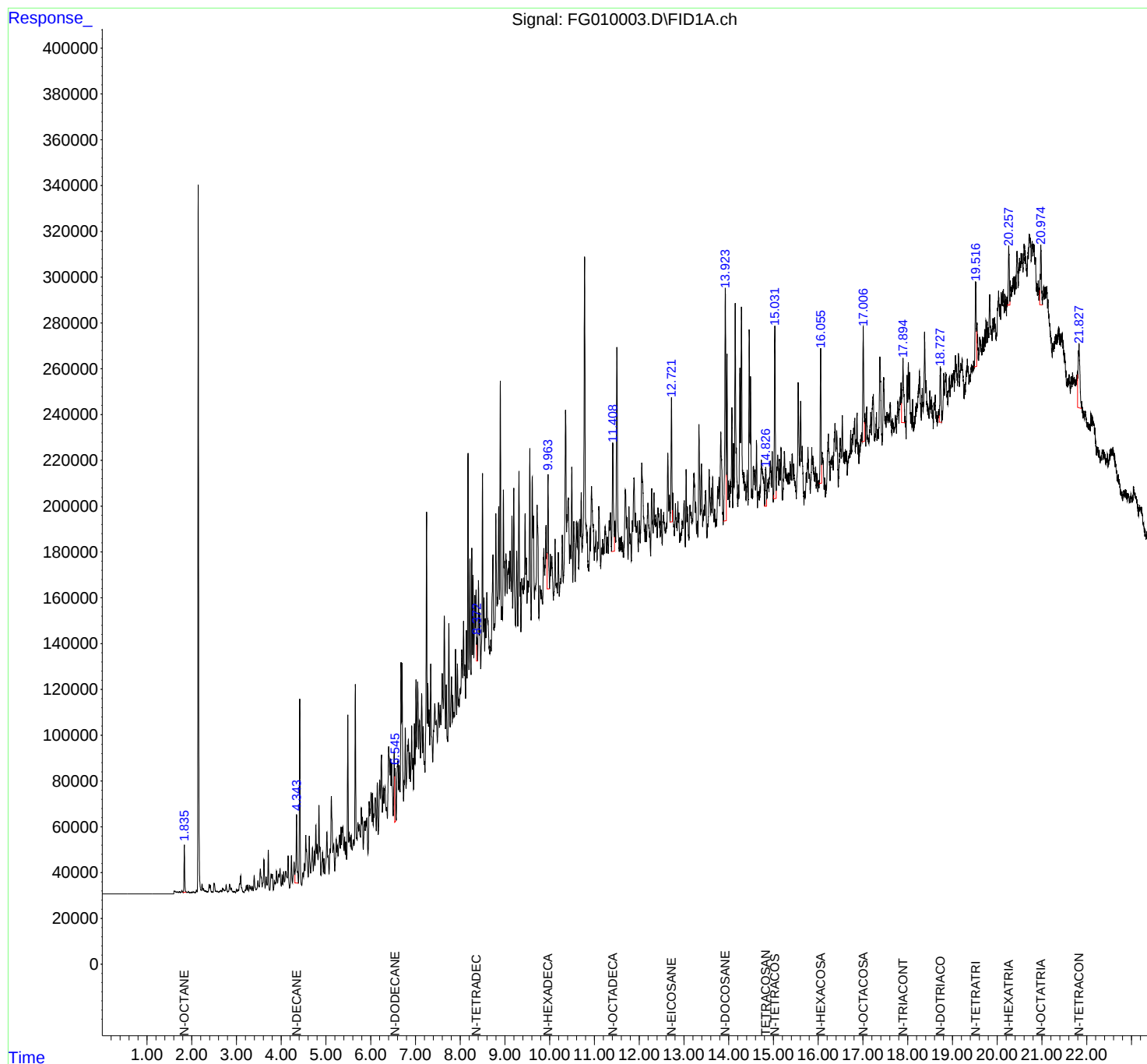
Instrument :
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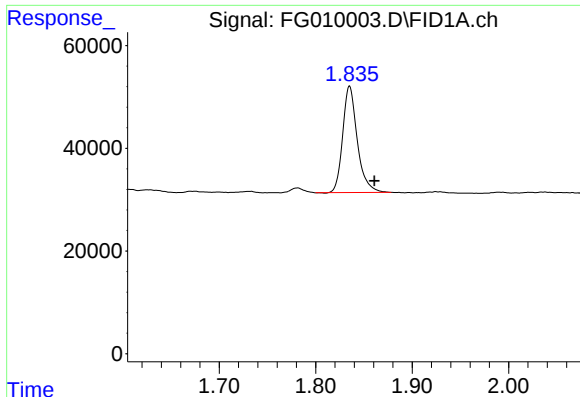
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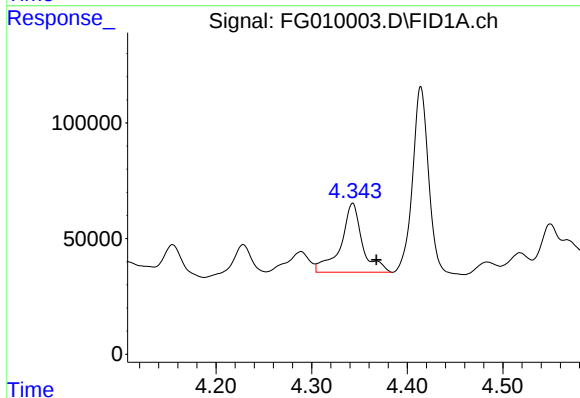
#1 N-OCTANE

R.T.: 1.835 min
Delta R.T.: -0.026 min
Response: 217716
Conc: 1.74 ug/ml

Instrument :
FID_G
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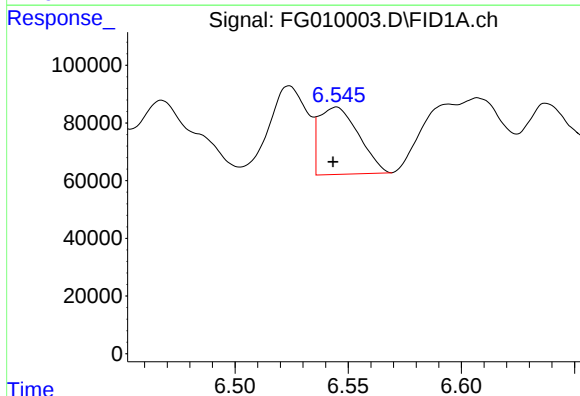
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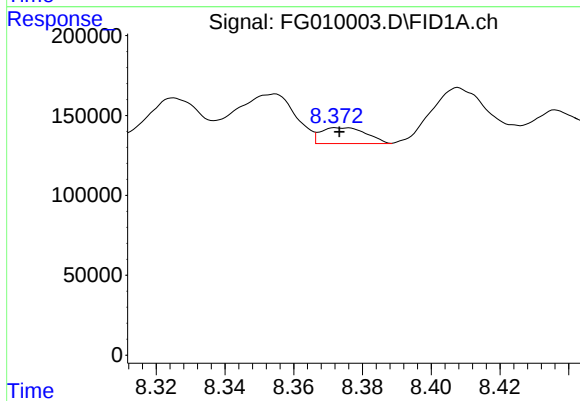
#2 N-DECANE

R.T.: 4.343 min
Delta R.T.: -0.025 min
Response: 469023
Conc: 3.71 ug/ml m



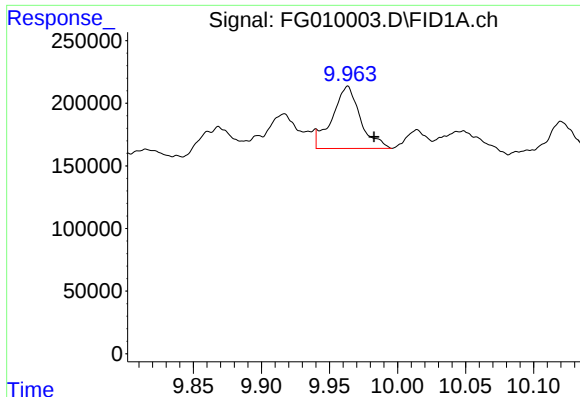
#3 N-DODECANE

R.T.: 6.545 min
Delta R.T.: 0.001 min
Response: 283257
Conc: 2.25 ug/ml



#4 N-TETRADECANE

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 91207
Conc: 0.72 ug/ml m



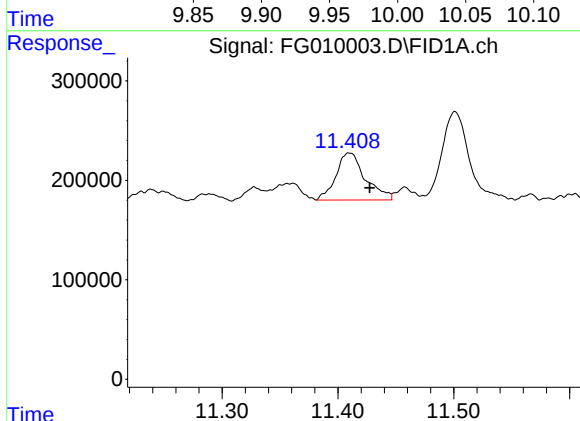
#5 N-HEXADECANE

R.T.: 9.963 min
Delta R.T.: -0.019 min
Response: 712290
Conc: 5.65 ug/ml

Instrument :
FID_G
ClientSampleId :
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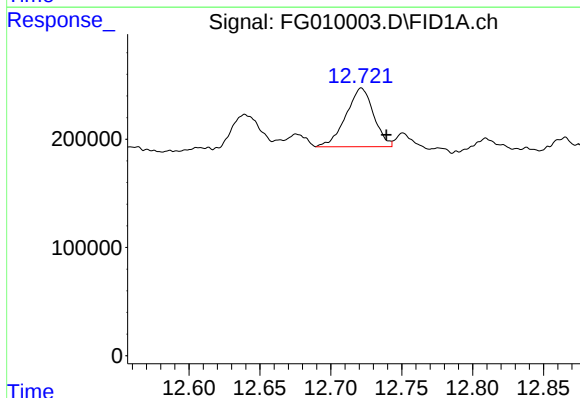
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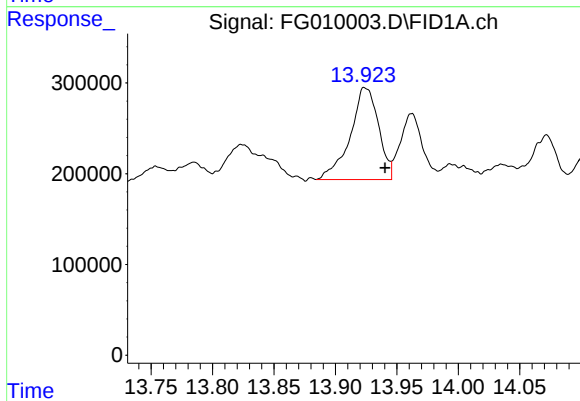
#6 N-OCTADECANE

R.T.: 11.408 min
Delta R.T.: -0.019 min
Response: 833057
Conc: 6.60 ug/ml m



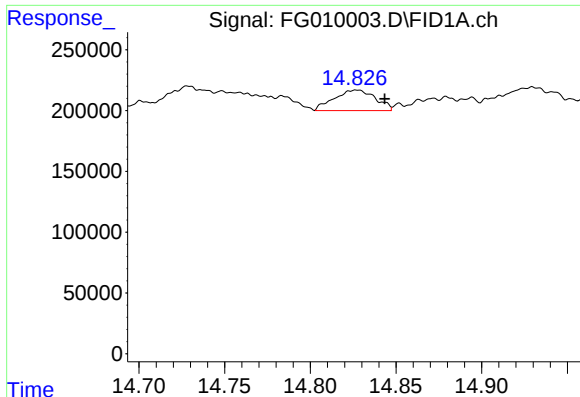
#7 N-EICOSANE

R.T.: 12.721 min
Delta R.T.: -0.018 min
Response: 737265
Conc: 6.03 ug/ml m



#8 N-DOCOSANE

R.T.: 13.923 min
Delta R.T.: -0.018 min
Response: 1628357
Conc: 13.50 ug/ml m



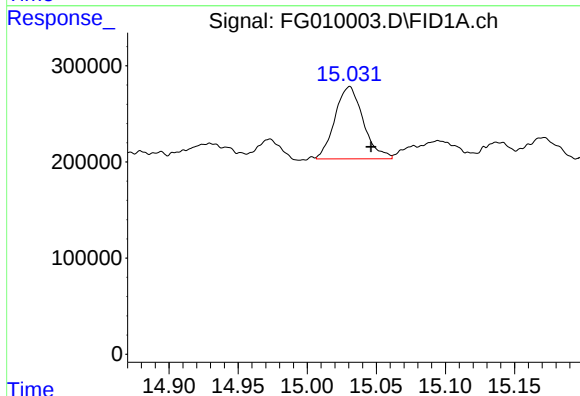
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.826 min
Delta R.T.: -0.017 min
Response: 283113
Conc: 2.69 ug/ml

Instrument :
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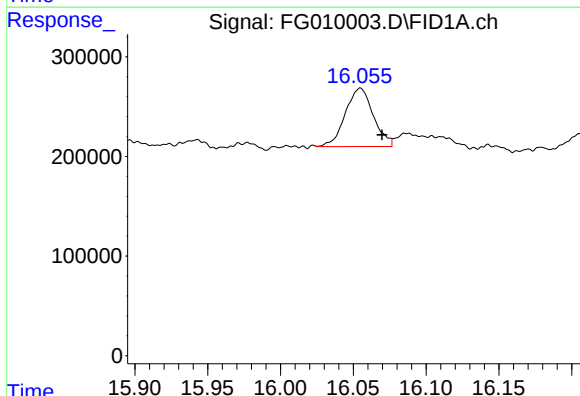
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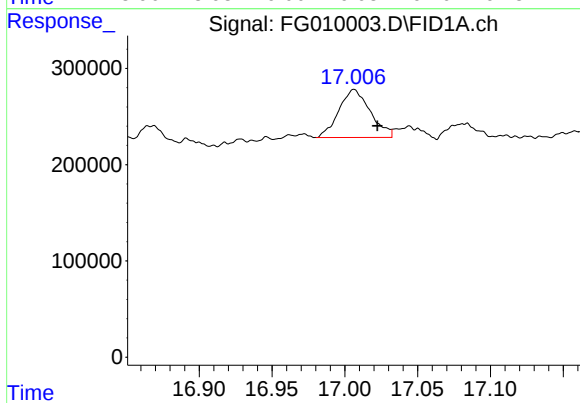
#10 N-TETRACOSANE

R.T.: 15.031 min
Delta R.T.: -0.016 min
Response: 1070214
Conc: 9.13 ug/ml m



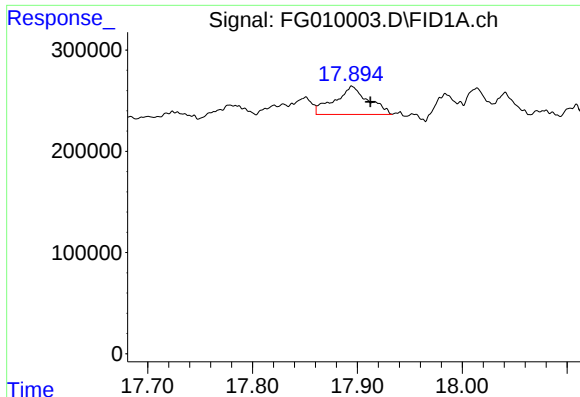
#11 N-HEXACOSANE

R.T.: 16.055 min
Delta R.T.: -0.015 min
Response: 782754
Conc: 6.90 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.006 min
Delta R.T.: -0.017 min
Response: 748537
Conc: 6.54 ug/ml m



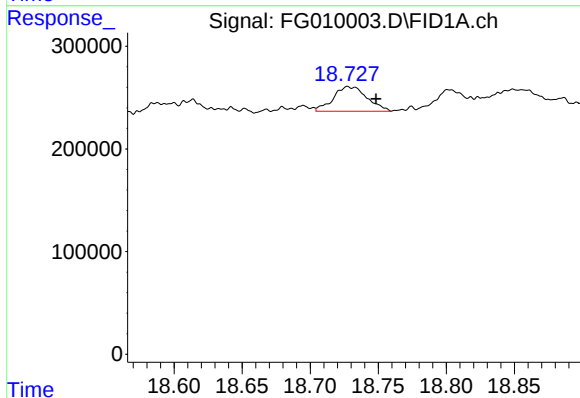
#13 N-TRIACONTANE

R.T.: 17.894 min
Delta R.T.: -0.018 min
Response: 611090
Conc: 5.68 ug/ml

Instrument :
FID_G
ClientSampleId :
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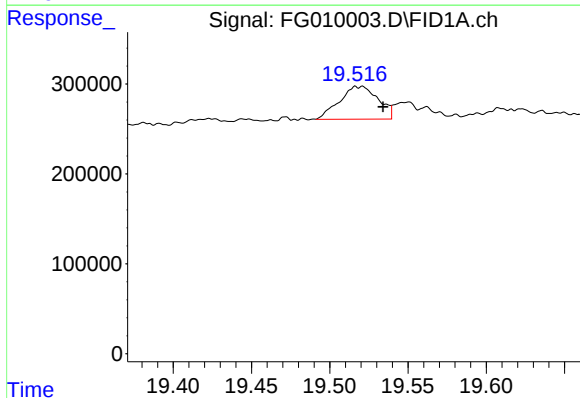
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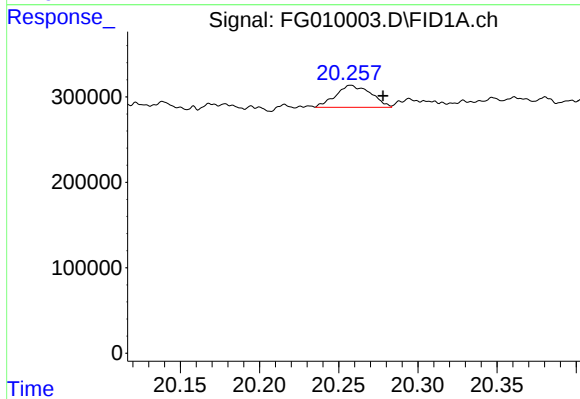
#14 N-DOTRIACONTANE

R.T.: 18.727 min
Delta R.T.: -0.021 min
Response: 414526
Conc: 3.94 ug/ml m



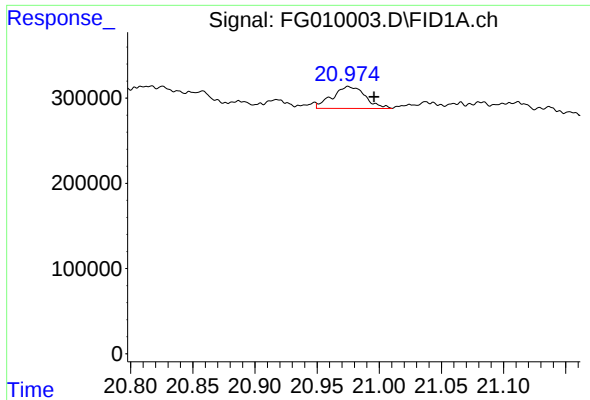
#15 N-TETRATRIACONTANE

R.T.: 19.516 min
Delta R.T.: -0.018 min
Response: 632407
Conc: 6.59 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.257 min
Delta R.T.: -0.021 min
Response: 400524
Conc: 4.96 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.974 min
Delta R.T.: -0.021 min
Response: 473490
Conc: 6.59 ug/ml

Instrument :

FID_G

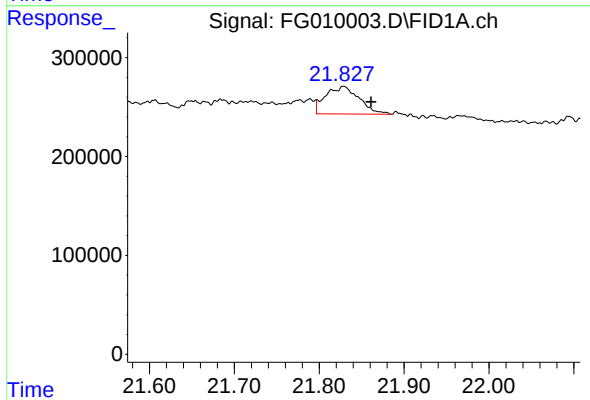
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#18 N-TETRACONTANE

R.T.: 21.827 min
Delta R.T.: -0.034 min
Response: 769399
Conc: 10.96 ug/ml m