

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120321\
 Data File : FG009146.D
 Signal(s) : FID1A.ch
 Acq On : 03 Dec 2021 18:05
 Operator : AJ\MA
 Sample : M4921-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SP25-01-20211202-18-18.5MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: Sample.e
 Quant Time: Dec 03 22:22:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:59:46 2021
 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...	14.755	1699665	14.574 ug/ml
Target Compounds			
1) N-OCTANE	2.335	2107901	14.401 ug/ml
2) N-DECANE	4.437	2553203	17.237 ug/ml
3) N-DODECANE	6.467	2685628	18.143 ug/ml
4) N-TETRADECANE	8.271	2681189	18.531 ug/ml
5) N-HEXADECANE	9.881	2532764	17.913 ug/ml
6) N-OCTADECANE	11.330	2705174	18.655 ug/ml
7) N-EICOSANE	12.647	2609056	18.237 ug/ml
8) N-DOCOSANE	13.852	2475959	18.045 ug/ml
10) N-TETRACOSANE	14.965	2380709	18.090 ug/ml
11) N-HEXACOSANE	15.989	2196826	17.931 ug/ml
12) N-OCTACOSANE	16.944	2130716	18.688 ug/ml
13) N-TRIACONTANE	17.837	2147931	19.856 ug/ml
14) N-DOTRIACONTANE	18.675	2394232	23.287 ug/mlm
15) N-TETRATRIACONTANE	19.463	2526278	25.543 ug/mlm
16) N-HEXATRIACONTANE	20.203	2693614	28.662 ug/mlm
17) N-OCTATRIACONTANE	20.965	2787701	30.061 ug/ml
18) N-TETRACONTANE	21.917	2787298	28.323 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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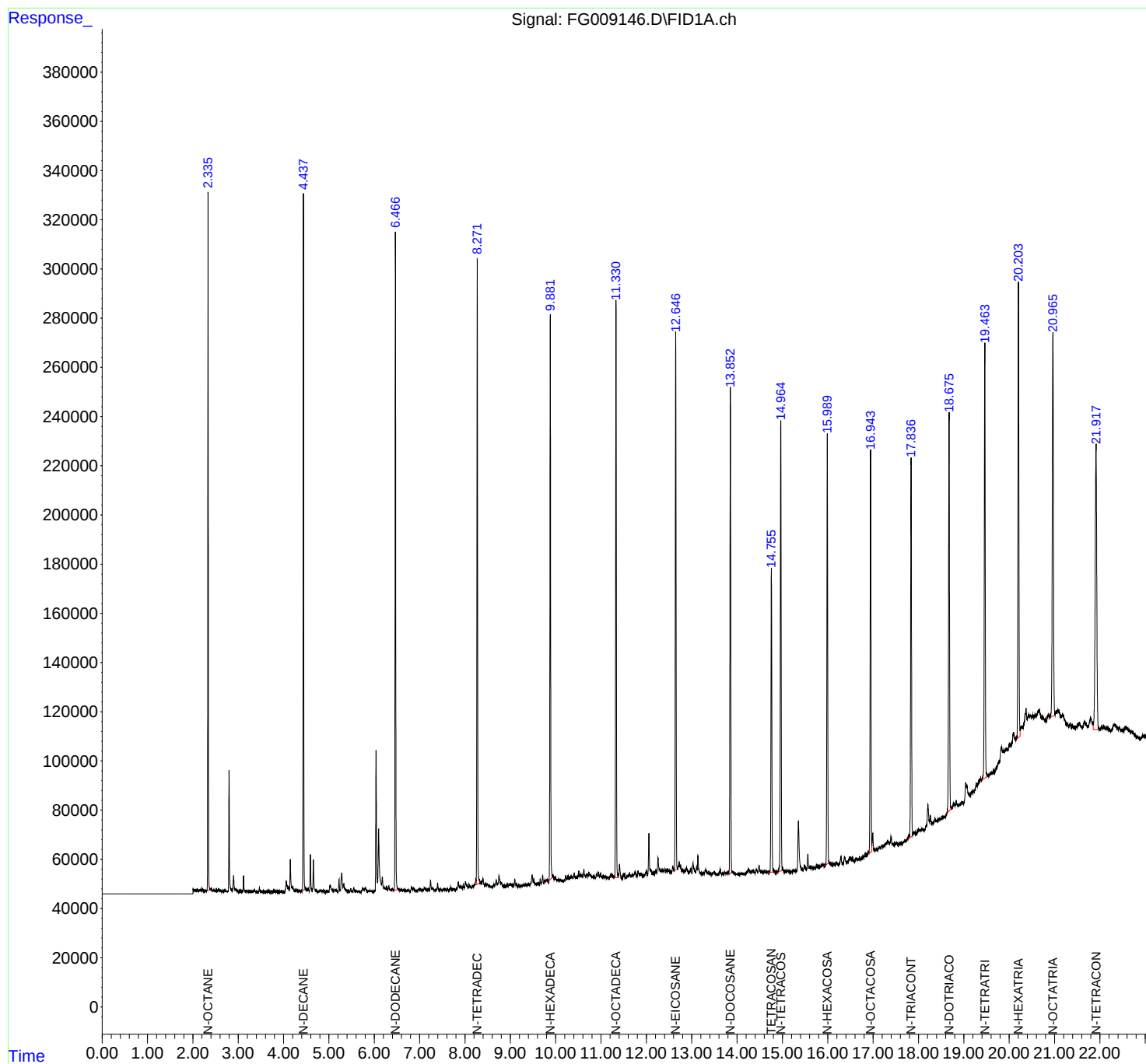
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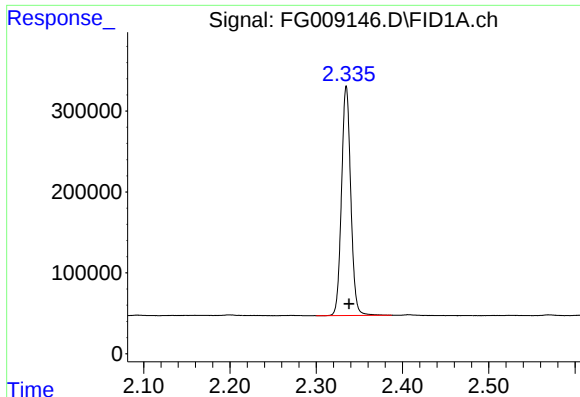
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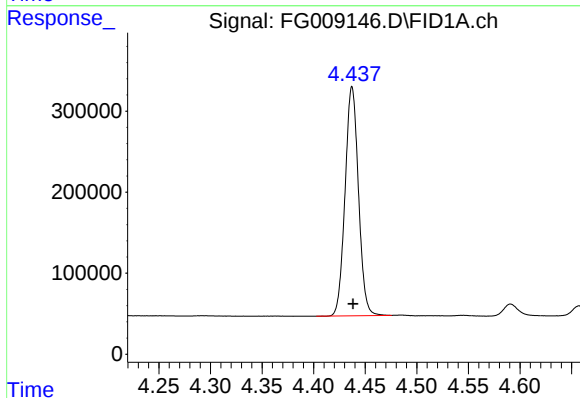
#1 N-OCTANE

R.T.: 2.335 min
Delta R.T.: -0.003 min
Response: 2107901
Conc: 14.40 ug/ml

Instrument :
FID_G
ClientSampleId :
SP25-01-20211202-18-18.5MSD

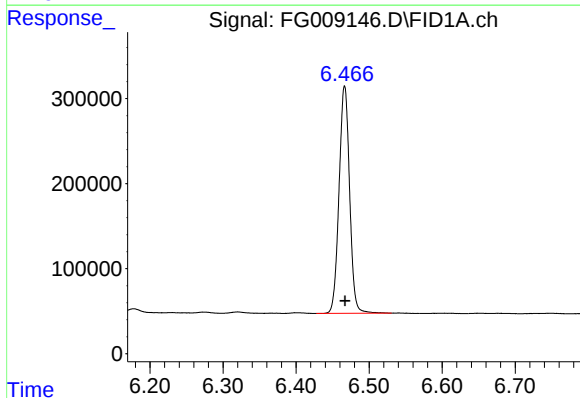
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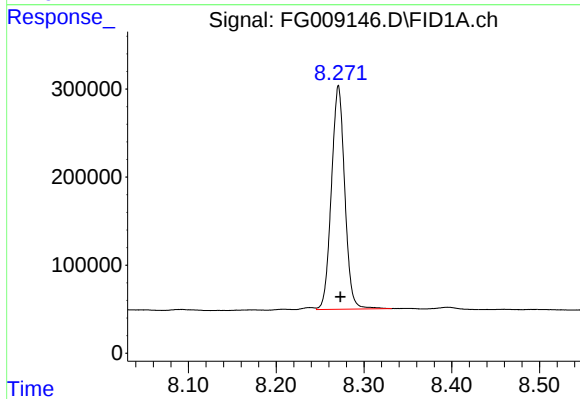
#2 N-DECANE

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2553203
Conc: 17.24 ug/ml



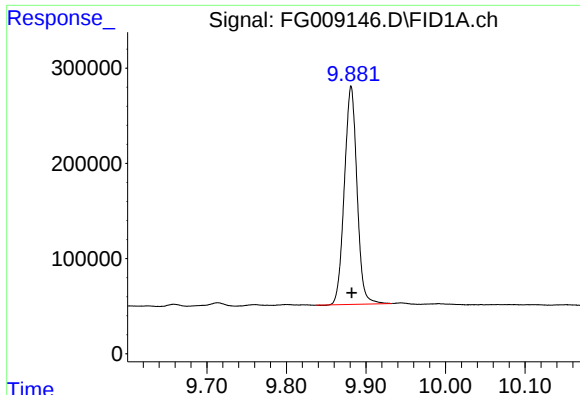
#3 N-DODECANE

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2685628
Conc: 18.14 ug/ml



#4 N-TETRADECANE

R.T.: 8.271 min
Delta R.T.: -0.002 min
Response: 2681189
Conc: 18.53 ug/ml



#5 N-HEXADECANE

R.T.: 9.881 min
Delta R.T.: 0.000 min
Response: 2532764
Conc: 17.91 ug/ml

Instrument :

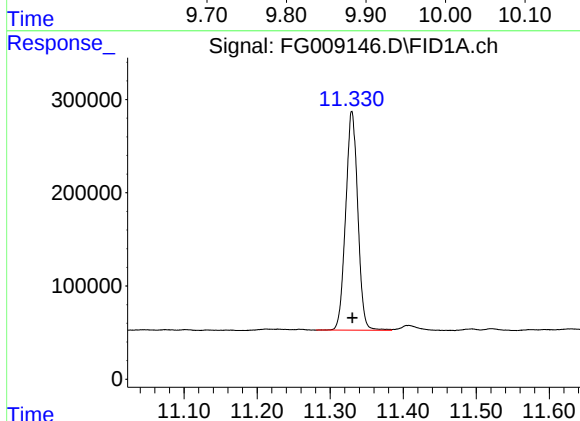
FID_G

ClientSampleId :

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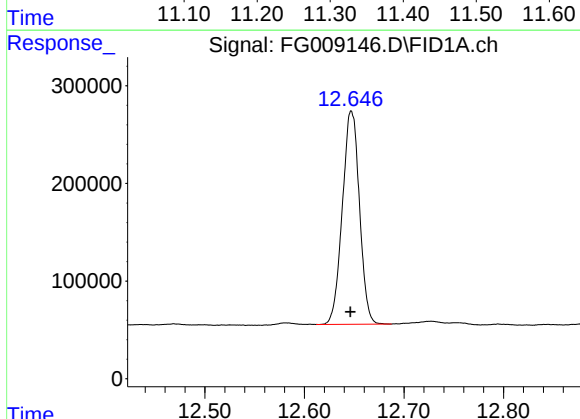
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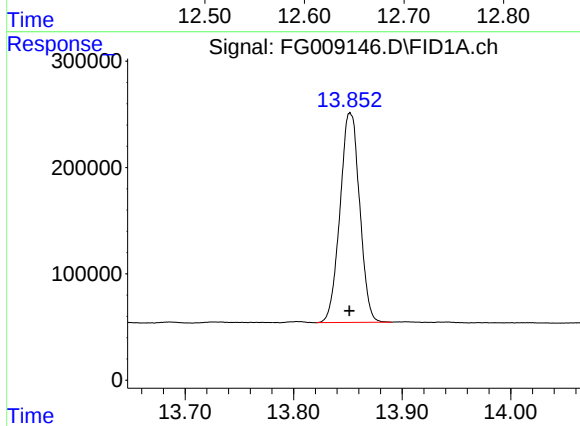
#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: 0.000 min
Response: 2705174
Conc: 18.66 ug/ml



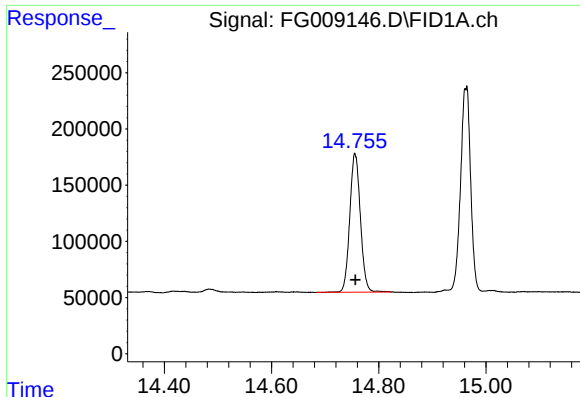
#7 N-EICOSANE

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 2609056
Conc: 18.24 ug/ml



#8 N-DOCOSANE

R.T.: 13.852 min
Delta R.T.: 0.000 min
Response: 2475959
Conc: 18.05 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.755 min
Delta R.T.: 0.000 min
Response: 1699665
Conc: 14.57 ug/ml

Instrument :

FID_G

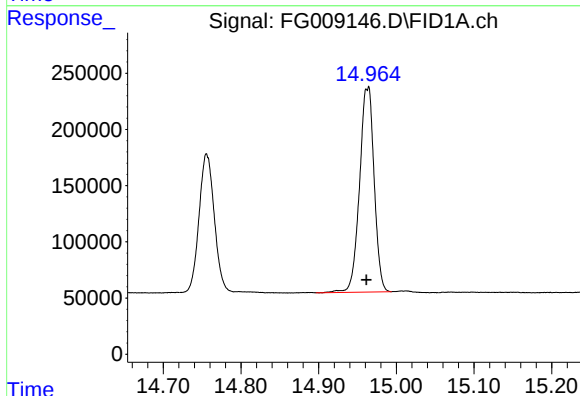
ClientSampleId :

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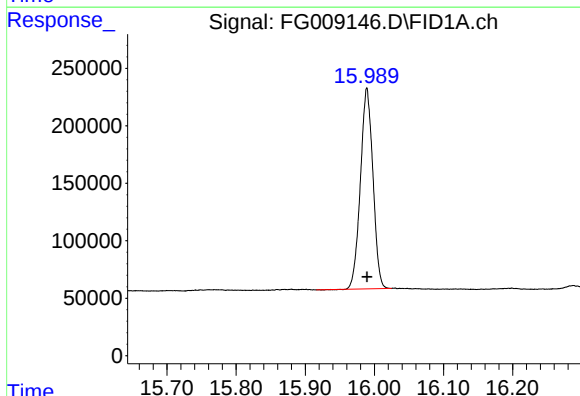
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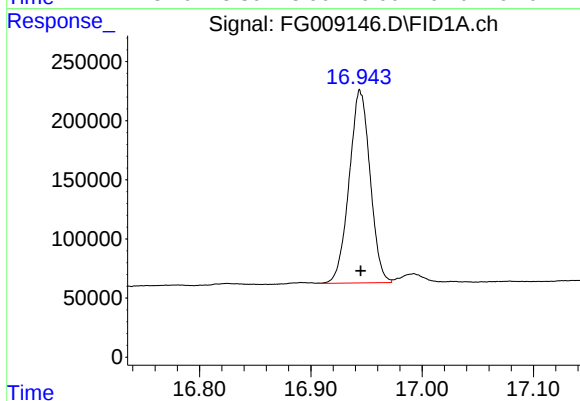
#10 N-TETRACOSANE

R.T.: 14.965 min
Delta R.T.: 0.003 min
Response: 2380709
Conc: 18.09 ug/ml



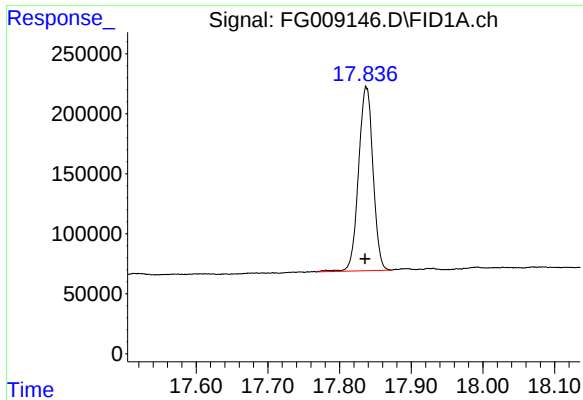
#11 N-HEXACOSANE

R.T.: 15.989 min
Delta R.T.: 0.000 min
Response: 2196826
Conc: 17.93 ug/ml



#12 N-OCTACOSANE

R.T.: 16.944 min
Delta R.T.: 0.000 min
Response: 2130716
Conc: 18.69 ug/ml



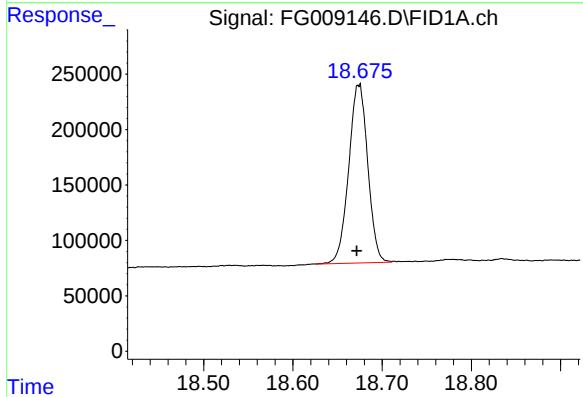
#13 N-TRIACONTANE

R.T.: 17.837 min
Delta R.T.: 0.001 min
Response: 2147931
Conc: 19.86 ug/ml

Instrument :
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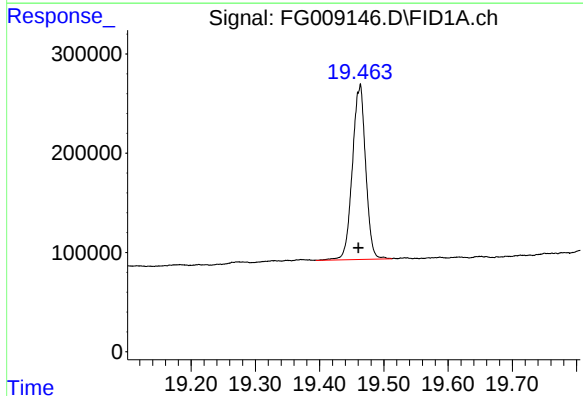
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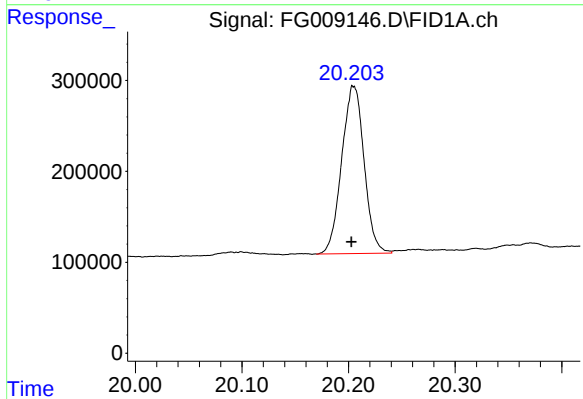
#14 N-DOTRIACONTANE

R.T.: 18.675 min
Delta R.T.: 0.004 min
Response: 2394232
Conc: 23.29 ug/ml m



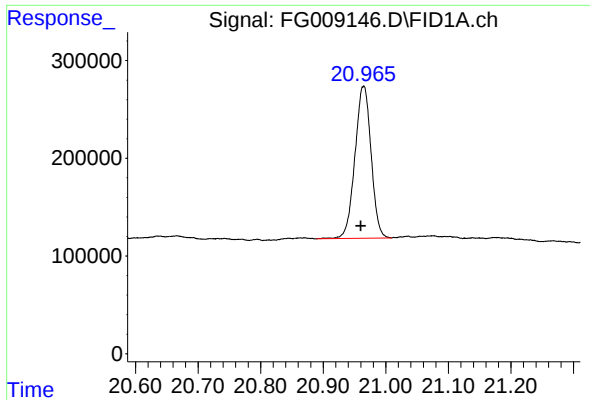
#15 N-TETRATRIACONTANE

R.T.: 19.463 min
Delta R.T.: 0.003 min
Response: 2526278
Conc: 25.54 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.203 min
Delta R.T.: 0.000 min
Response: 2693614
Conc: 28.66 ug/ml m



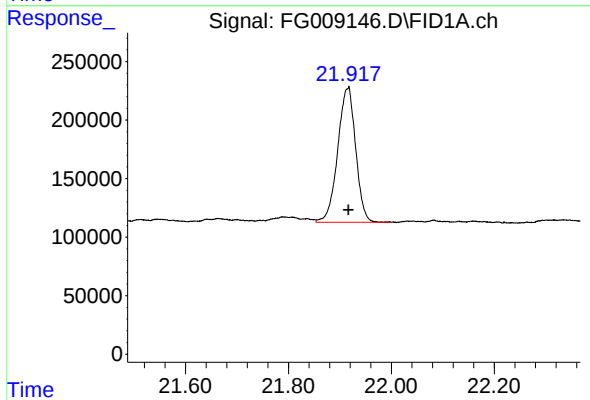
#17 N-OCTATRIACONTANE

R.T.: 20.965 min
Delta R.T.: 0.005 min
Response: 2787701
Conc: 30.06 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.917 min
Delta R.T.: 0.000 min
Response: 2787298
Conc: 28.32 ug/ml