

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110921\
 Data File : FG009016.D
 Signal(s) : FID1A.ch
 Acq On : 09 Nov 2021 15:48
 Operator : AJ\MA
 Sample : PB140587BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB140587BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/10/2021
 Supervised By :mohammad ahmed 11/10/2021

Integration File: autoint1.e
 Quant Time: Nov 10 00:18:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG110121.M
 Quant Title :
 QLast Update : Tue Nov 02 01:56:13 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...	14.727	2329390	20.182 ug/ml
Target Compounds			
1) N-OCTANE	2.334	2272153	16.849 ug/ml
2) N-DECANE	4.433	2625424	19.417 ug/ml
3) N-DODECANE	6.458	2715427	19.998 ug/ml
4) N-TETRADECANE	8.259	2738287	20.617 ug/ml
5) N-HEXADECANE	9.864	2641732	19.928 ug/ml
6) N-OCTADECANE	11.310	2808167	20.481 ug/ml
7) N-EICOSANE	12.623	2803024	20.493 ug/ml
8) N-DOCOSANE	13.826	2727338	20.379 ug/ml
10) N-TETRACOSANE	14.932	2648134	20.048 ug/ml
11) N-HEXACOSANE	15.955	2501530	19.647 ug/ml
12) N-OCTACOSANE	16.907	2379517	19.356 ug/ml
13) N-TRIACONTANE	17.797	2294021	19.593 ug/ml
14) N-DOTRIACONTANE	18.632	2333953	21.438 ug/ml
15) N-TETRATRIACONTANE	19.418	2412567	23.750 ug/ml
16) N-HEXATRIACONTANE	20.156	2601255	27.578 ug/mlm
17) N-OCTATRIACONTANE	20.906	2606629	29.461 ug/ml
18) N-TETRACONTANE	21.843	2591962	29.338 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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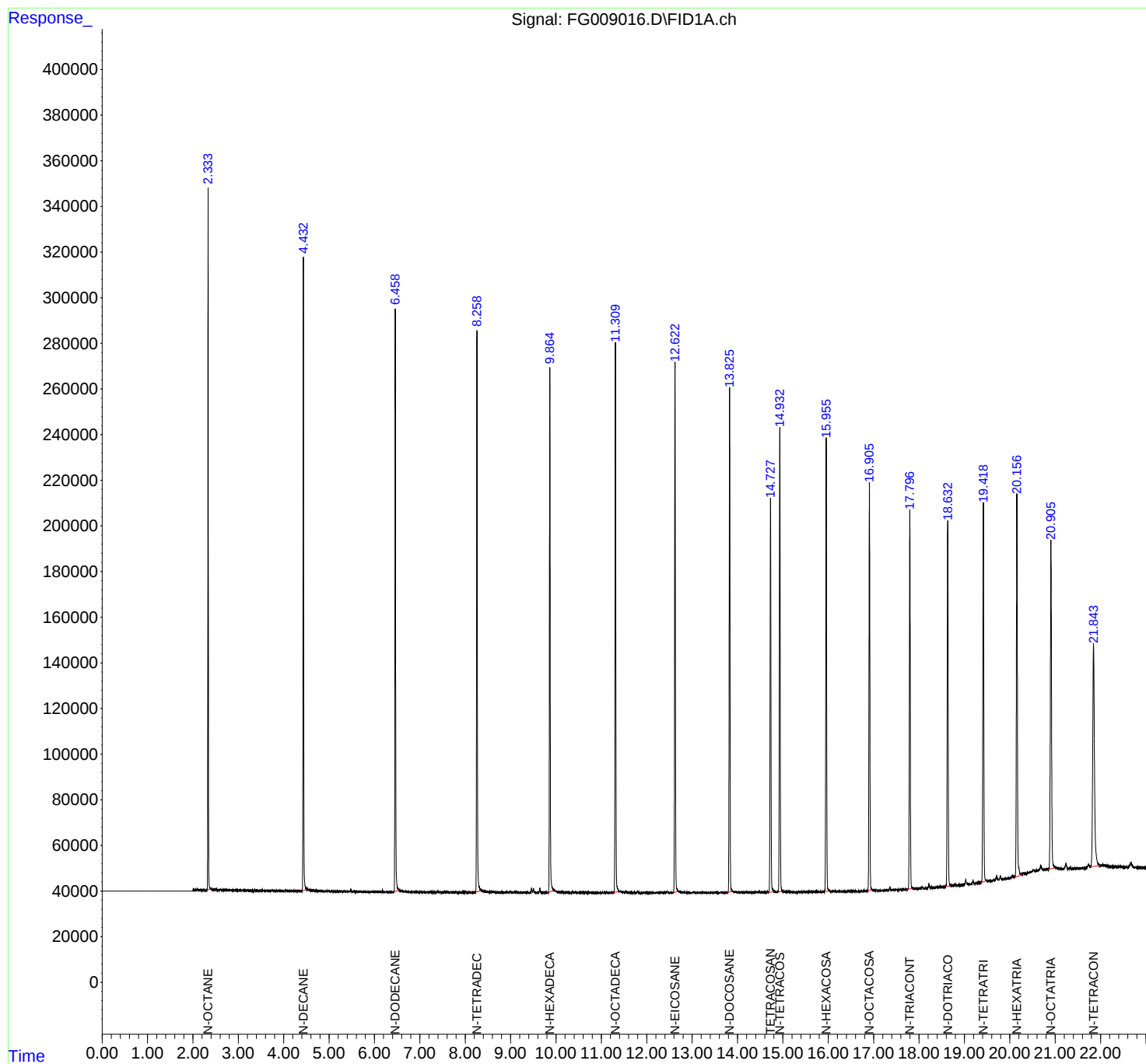
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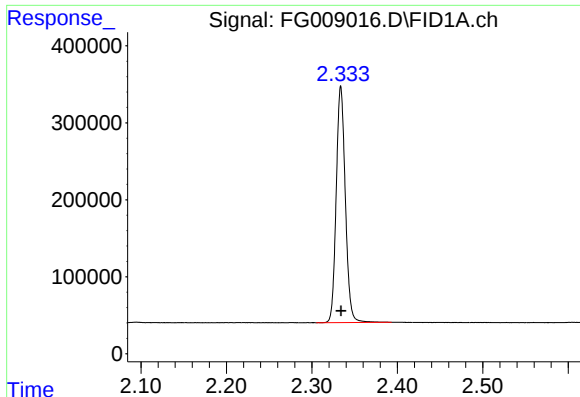
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#1 N-OCTANE

R.T.: 2.334 min
Delta R.T.: 0.000 min
Response: 2272153
Conc: 16.85 ug/ml

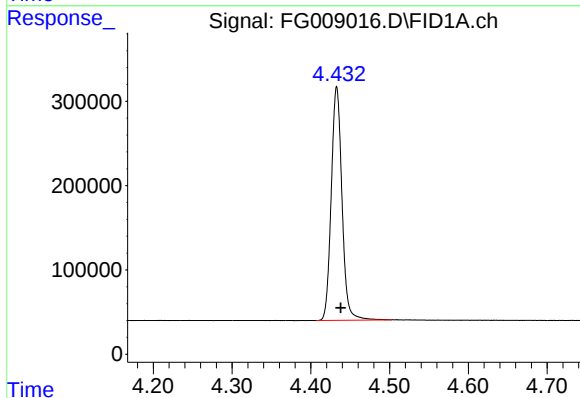
Instrument :

FID_G

ClientSampleId :
PB140587BS

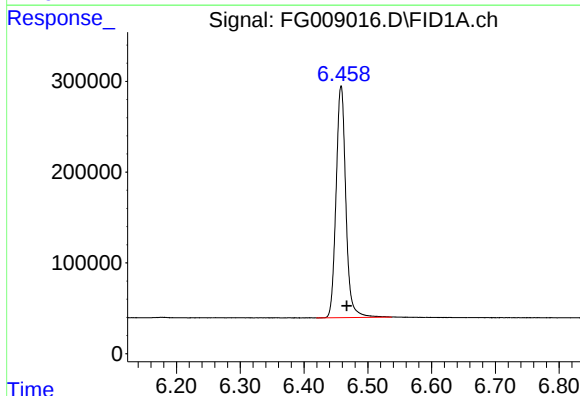
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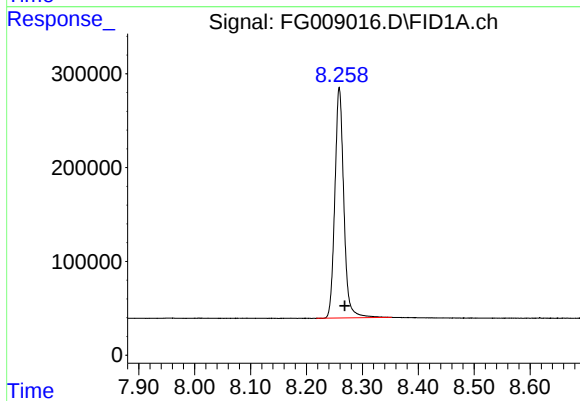
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: -0.005 min
Response: 2625424
Conc: 19.42 ug/ml



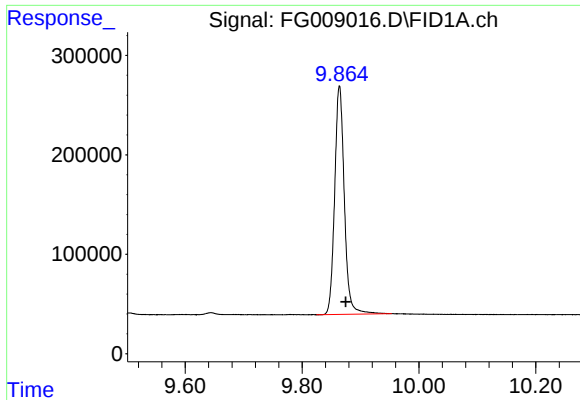
#3 N-DODECANE

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 2715427
Conc: 20.00 ug/ml



#4 N-TETRADECANE

R.T.: 8.259 min
Delta R.T.: -0.010 min
Response: 2738287
Conc: 20.62 ug/ml



#5 N-HEXADECANE

R.T.: 9.864 min
Delta R.T.: -0.011 min
Response: 2641732
Conc: 19.93 ug/ml

Instrument :

FID_G

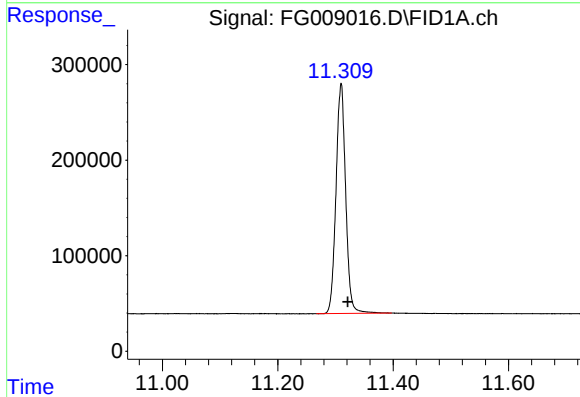
ClientSampleId :

PB140587BS

Manual Integrations

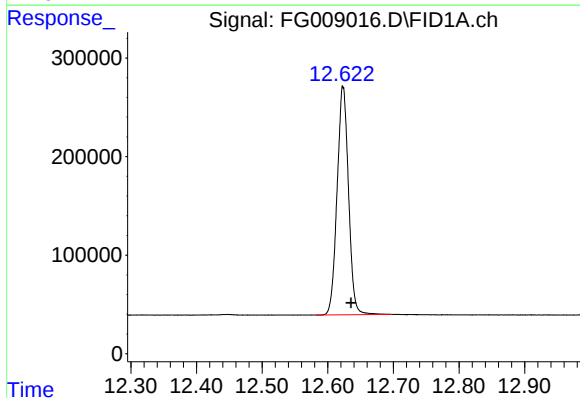
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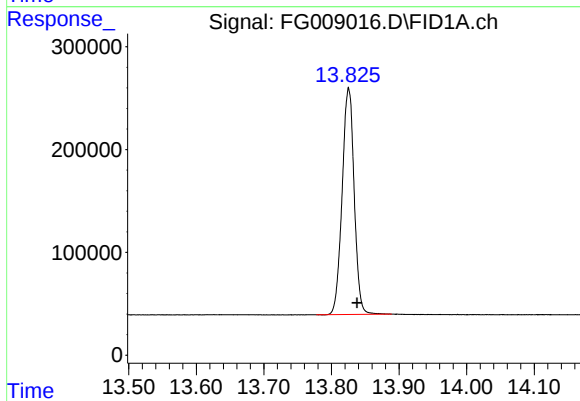
#6 N-OCTADECANE

R.T.: 11.310 min
Delta R.T.: -0.011 min
Response: 2808167
Conc: 20.48 ug/ml



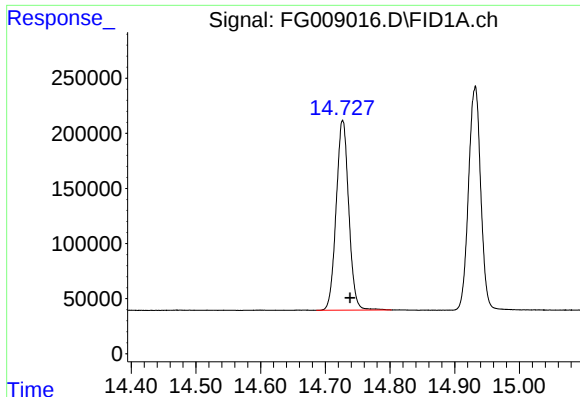
#7 N-EICOSANE

R.T.: 12.623 min
Delta R.T.: -0.012 min
Response: 2803024
Conc: 20.49 ug/ml



#8 N-DOCOSANE

R.T.: 13.826 min
Delta R.T.: -0.012 min
Response: 2727338
Conc: 20.38 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.727 min
Delta R.T.: -0.011 min
Response: 2329390
Conc: 20.18 ug/ml

Instrument :

FID_G

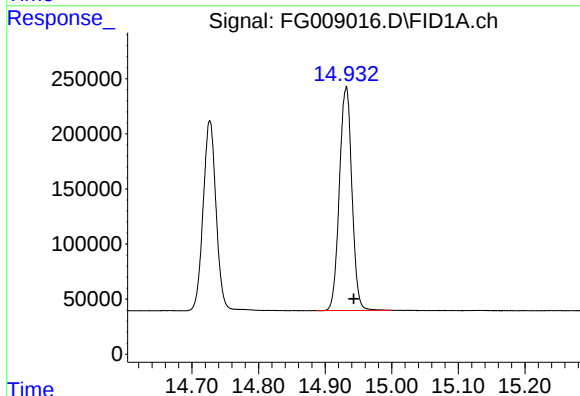
ClientSampleId :

PB140587BS

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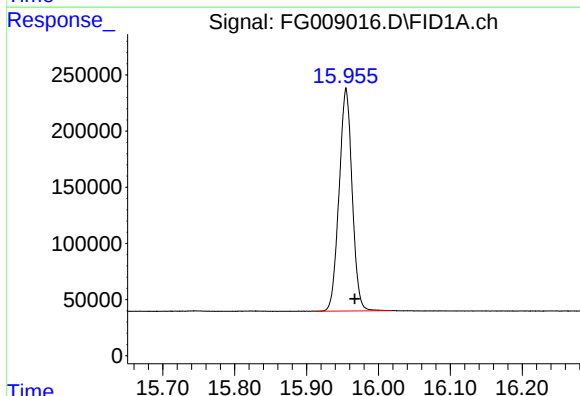
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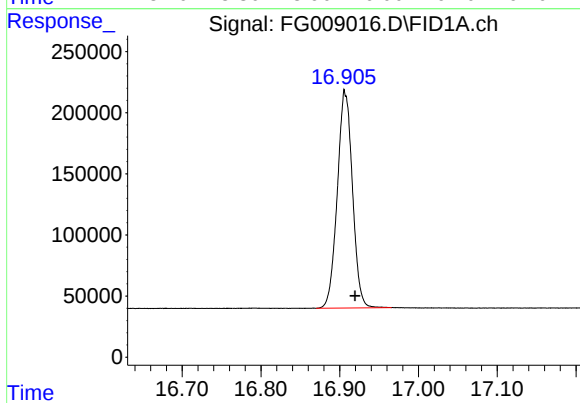
#10 N-TETRACOSANE

R.T.: 14.932 min
Delta R.T.: -0.011 min
Response: 2648134
Conc: 20.05 ug/ml



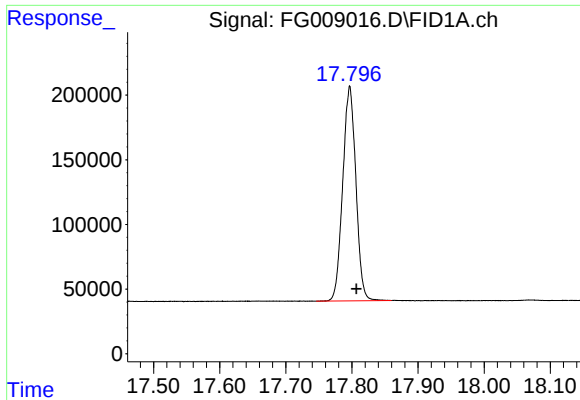
#11 N-HEXACOSANE

R.T.: 15.955 min
Delta R.T.: -0.012 min
Response: 2501530
Conc: 19.65 ug/ml



#12 N-OCTACOSANE

R.T.: 16.907 min
Delta R.T.: -0.013 min
Response: 2379517
Conc: 19.36 ug/ml



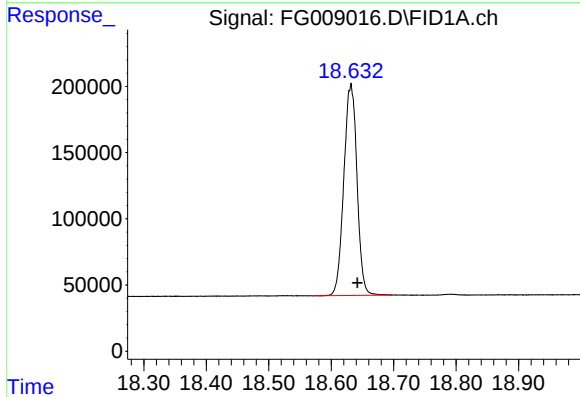
#13 N-TRIACONTANE

R.T.: 17.797 min
Delta R.T.: -0.010 min
Response: 2294021
Conc: 19.59 ug/ml

Instrument :
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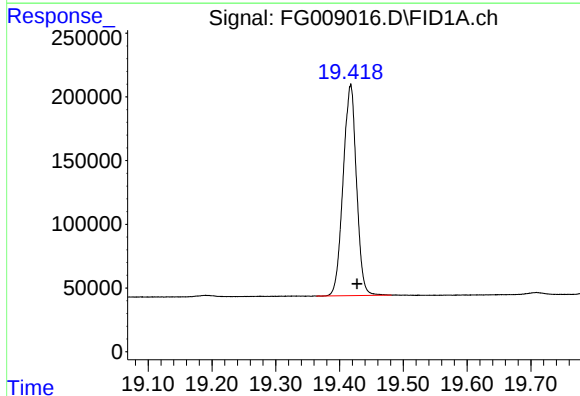
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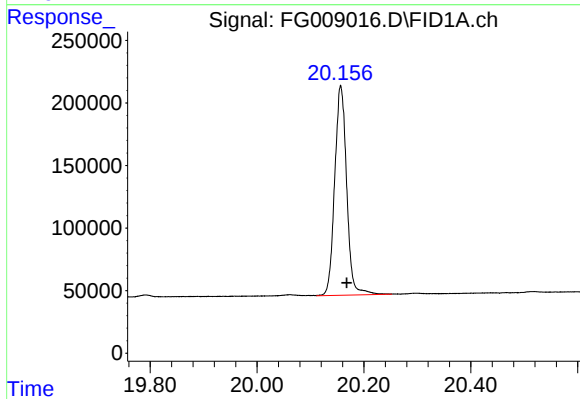
#14 N-DOTRIACONTANE

R.T.: 18.632 min
Delta R.T.: -0.010 min
Response: 2333953
Conc: 21.44 ug/ml



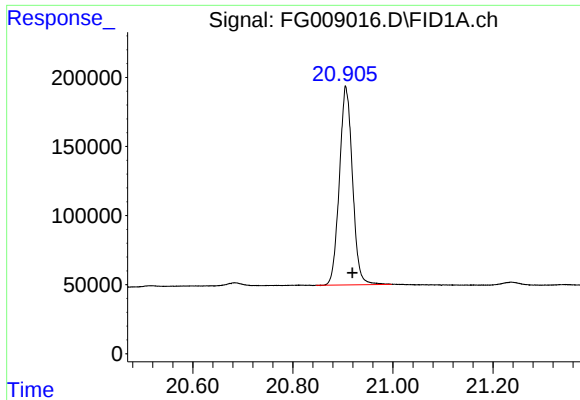
#15 N-TETRATRIACONTANE

R.T.: 19.418 min
Delta R.T.: -0.010 min
Response: 2412567
Conc: 23.75 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.156 min
Delta R.T.: -0.012 min
Response: 2601255
Conc: 27.58 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.906 min
Delta R.T.: -0.013 min
Response: 2606629
Conc: 29.46 ug/ml

Instrument :

FID_G

ClientSampleId :

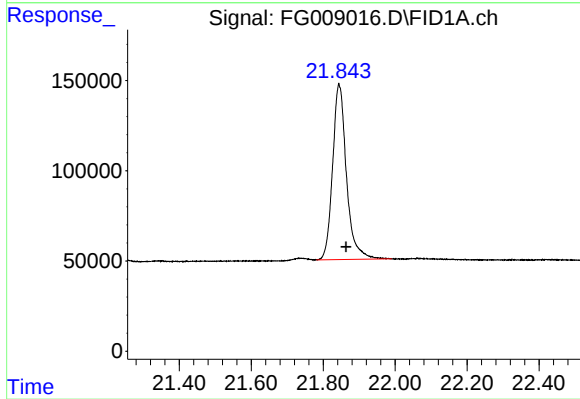
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#18 N-TETRACONTANE

R.T.: 21.843 min
Delta R.T.: -0.020 min
Response: 2591962
Conc: 29.34 ug/ml m