

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041321\
 Data File : FG007826.D
 Signal(s) : FID1A.ch
 Acq On : 13 Apr 2021 16:04
 Operator : DD\AJ
 Sample : M2019-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 149TH-ST-E1-101MSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Apr 14 01:50:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040521.M
 Quant Title :
 QLast Update : Tue Apr 06 03:05:53 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...	14.775	3409622	22.832 ug/mlm
Target Compounds			
1) N-OCTANE	2.371	2115080	13.215 ug/ml
2) N-DECANE	4.483	2571289	15.509 ug/ml
3) N-DODECANE	6.510	2731704	16.280 ug/ml
4) N-TETRADECANE	8.311	2851881	16.572 ug/ml
5) N-HEXADECANE	9.917	2934262	17.074 ug/ml
6) N-OCTADECANE	11.362	2928740	16.775 ug/ml
7) N-EICOSANE	12.676	3115896	17.975 ug/ml
8) N-DOCOSANE	13.877	3240643	18.828 ug/ml
10) N-TETRACOSANE	14.984	3069626	17.960 ug/ml
11) N-HEXACOSANE	16.005	2942938	17.682 ug/ml
12) N-OCTACOSANE	16.957	3332852	20.491 ug/ml
13) N-TRIACONTANE	17.847	3104035	19.755 ug/mlm
14) N-DOTRIACONTANE	18.679	3221123	21.101 ug/ml
15) N-TETRATRIACONTANE	19.462	2768880	20.829 ug/mlm
16) N-HEXATRIACONTANE	20.206	2768356	23.786 ug/mlm
17) N-OCTATRIACONTANE	20.969	2794250	26.678 ug/ml
18) N-TETRACONTANE	21.931	3142311	31.697 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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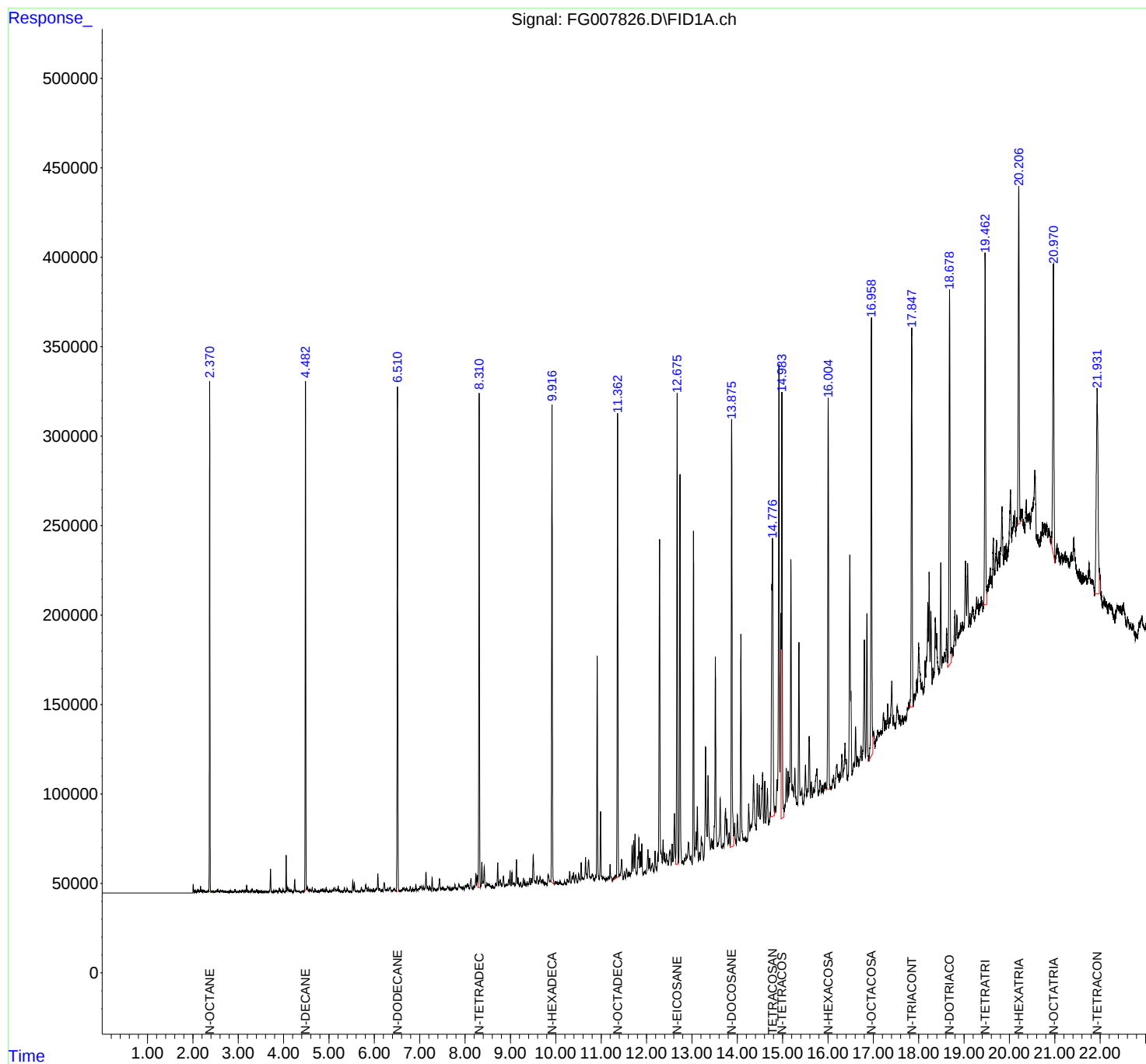
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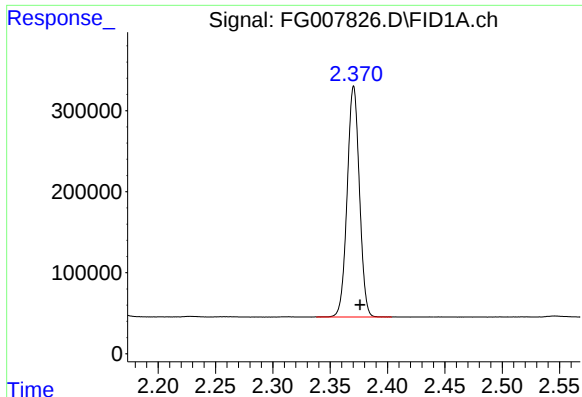
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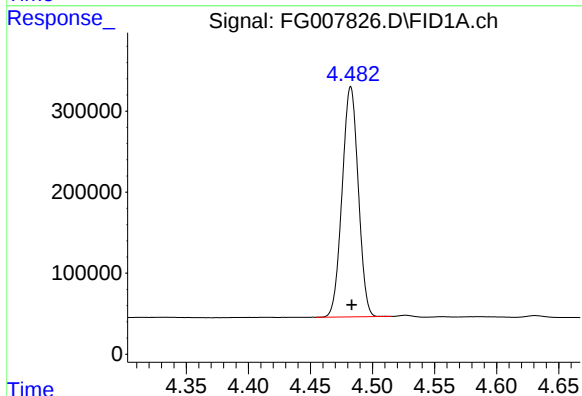
#1 N-OCTANE

R.T.: 2.371 min
Delta R.T.: -0.005 min
Response: 2115080
Conc: 13.21 ug/ml

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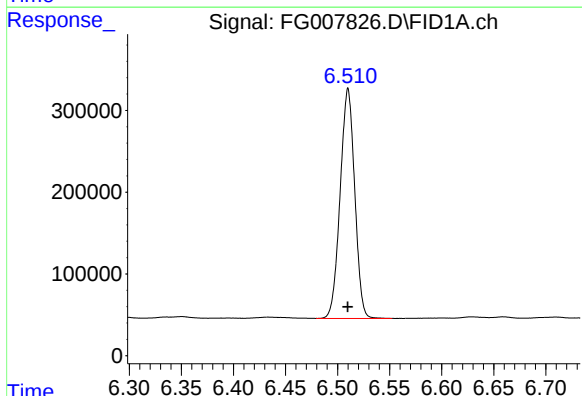
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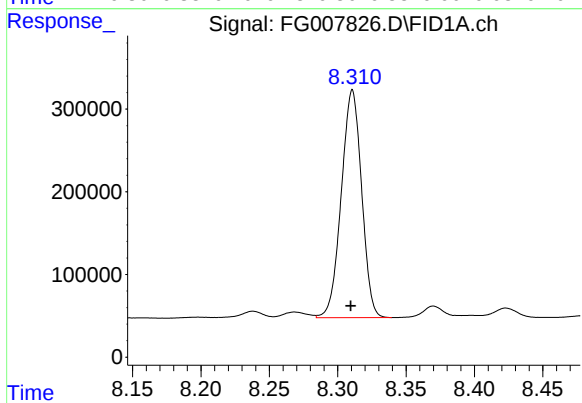
#2 N-DECANE

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 2571289
Conc: 15.51 ug/ml



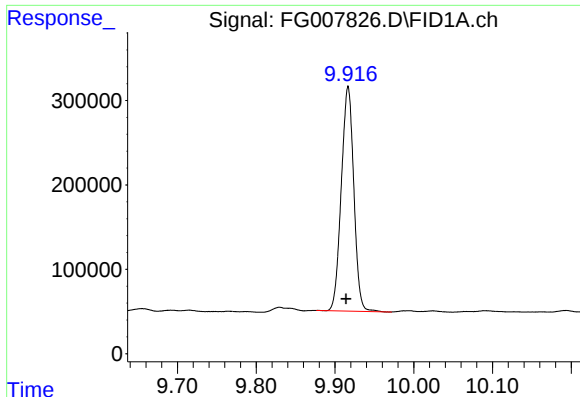
#3 N-DODECANE

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 2731704
Conc: 16.28 ug/ml



#4 N-TETRADECANE

R.T.: 8.311 min
Delta R.T.: 0.001 min
Response: 2851881
Conc: 16.57 ug/ml



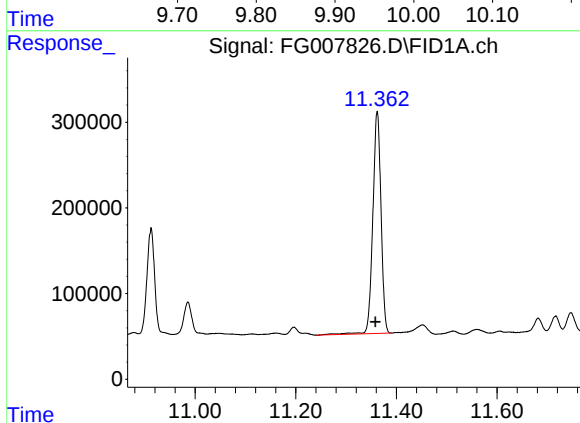
#5 N-HEXADECANE

R.T.: 9.917 min
Delta R.T.: 0.003 min
Response: 2934262
Conc: 17.07 ug/ml

Instrument :
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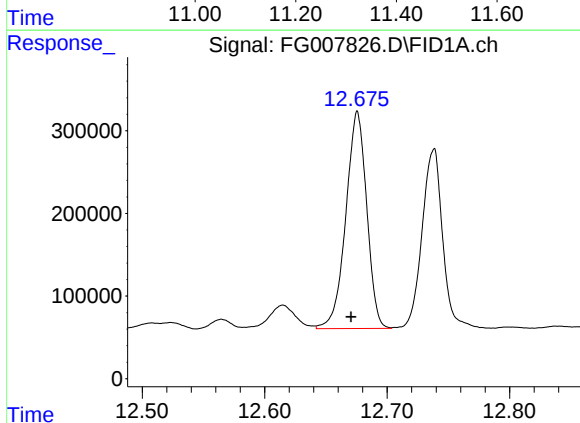
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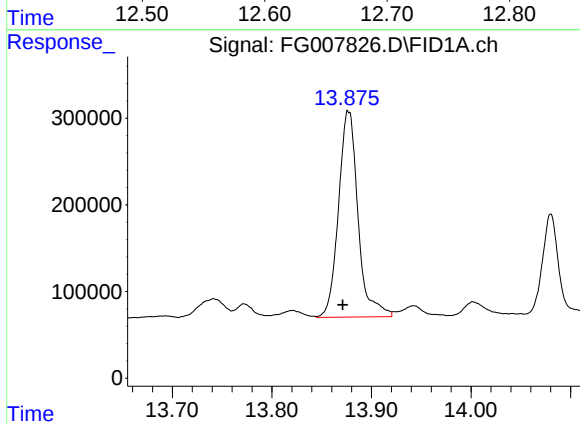
#6 N-OCTADECANE

R.T.: 11.362 min
Delta R.T.: 0.004 min
Response: 2928740
Conc: 16.77 ug/ml



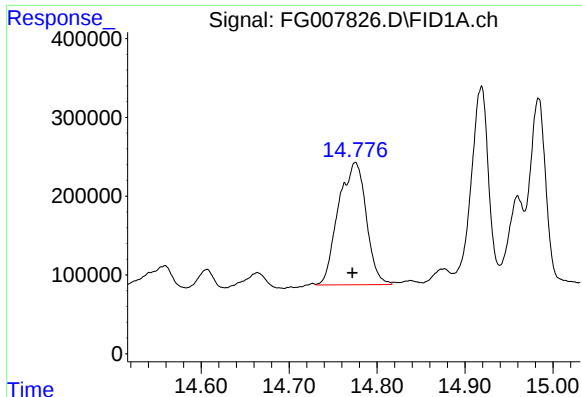
#7 N-EICOSANE

R.T.: 12.676 min
Delta R.T.: 0.005 min
Response: 3115896
Conc: 17.98 ug/ml



#8 N-DOCOSANE

R.T.: 13.877 min
Delta R.T.: 0.006 min
Response: 3240643
Conc: 18.83 ug/ml



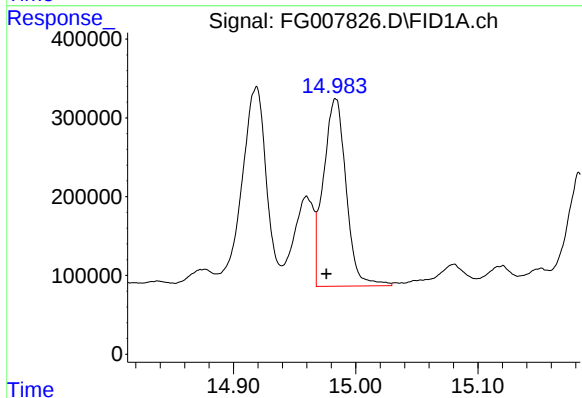
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.775 min
Delta R.T.: 0.004 min
Response: 3409622
Conc: 22.83 ug/ml m

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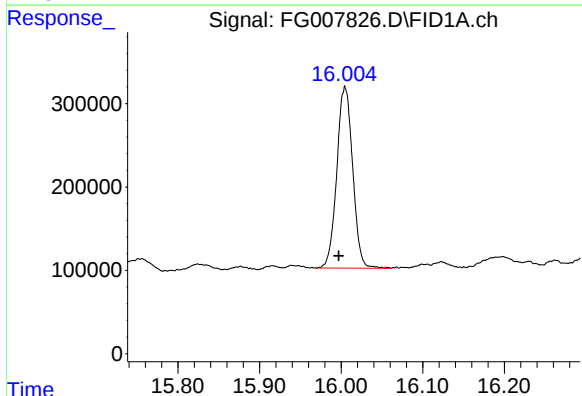
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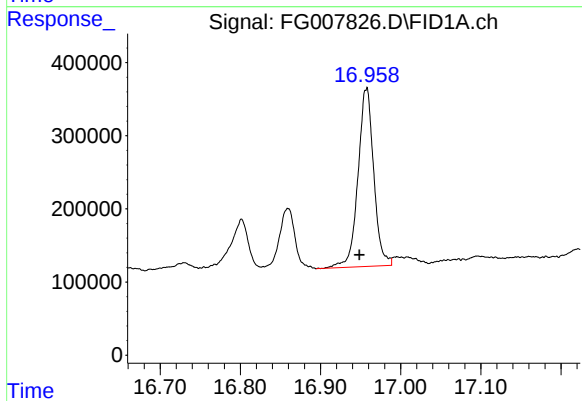
#10 N-TETRACOSANE

R.T.: 14.984 min
Delta R.T.: 0.008 min
Response: 3069626
Conc: 17.96 ug/ml



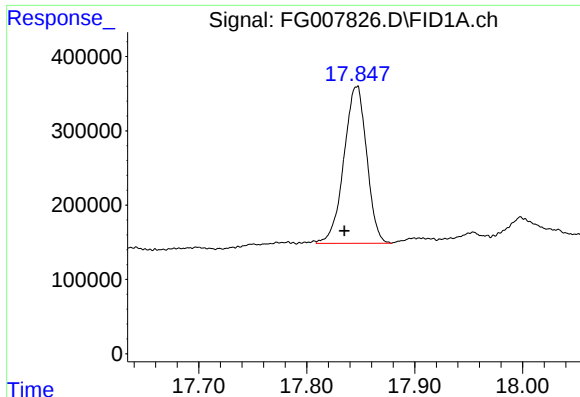
#11 N-HEXACOSANE

R.T.: 16.005 min
Delta R.T.: 0.008 min
Response: 2942938
Conc: 17.68 ug/ml



#12 N-OCTACOSANE

R.T.: 16.957 min
Delta R.T.: 0.009 min
Response: 3332852
Conc: 20.49 ug/ml



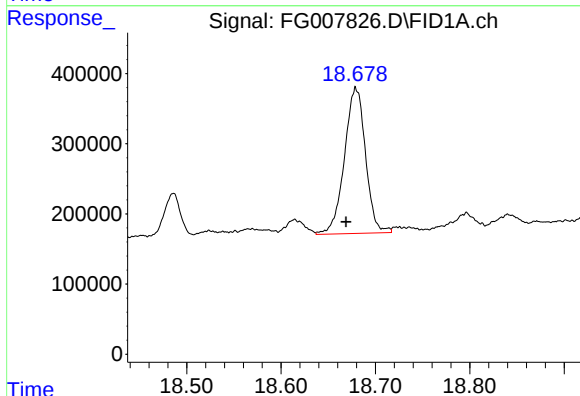
#13 N-TRIACONTANE

R.T.: 17.847 min
Delta R.T.: 0.012 min
Response: 3104035
Conc: 19.75 ug/ml m

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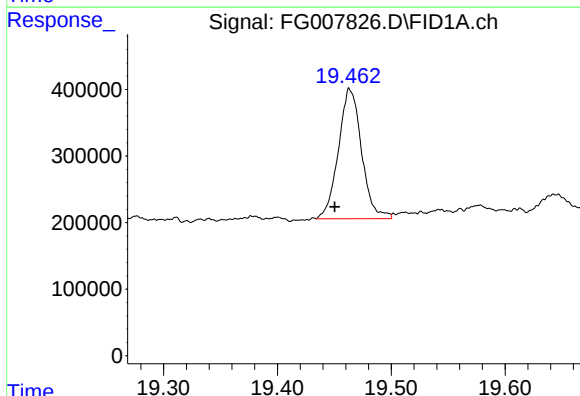
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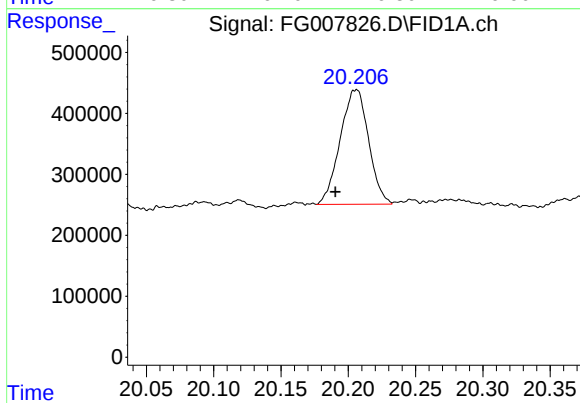
#14 N-DOTRIACONTANE

R.T.: 18.679 min
Delta R.T.: 0.010 min
Response: 3221123
Conc: 21.10 ug/ml



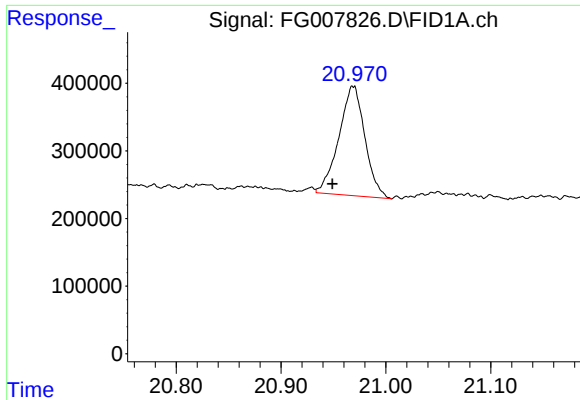
#15 N-TETRATRIACONTANE

R.T.: 19.462 min
Delta R.T.: 0.012 min
Response: 2768880
Conc: 20.83 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.206 min
Delta R.T.: 0.016 min
Response: 2768356
Conc: 23.79 ug/ml m



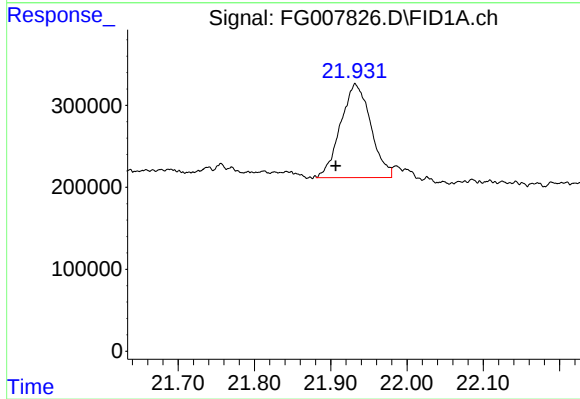
#17 N-OCTATRIACONTANE

R.T.: 20.969 min
Delta R.T.: 0.020 min
Response: 2794250
Conc: 26.68 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.931 min
Delta R.T.: 0.025 min
Response: 3142311
Conc: 31.70 ug/ml m