

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062422\
 Data File : FG009966.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2022 01:27
 Operator : AJ\MA
 Sample : N3454-10MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WC-14A-1B-GRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 25 01:53:23 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...	14.831	1381140	13.122 ug/mlm
Target Compounds			
1) N-OCTANE	1.836	1868676	14.913 ug/ml
2) N-DECANE	4.346	2454730	19.437 ug/ml
3) N-DODECANE	6.526	2549225	20.207 ug/ml
4) N-TETRADECANE	8.357	2554106	20.101 ug/ml
5) N-HEXADECANE	9.966	2527546	20.039 ug/ml
6) N-OCTADECANE	11.414	2698803	21.383 ug/ml
7) N-EICOSANE	12.727	2860867	23.392 ug/ml
8) N-DOCOSANE	13.929	2658844	22.050 ug/mlm
10) N-TETRACOSANE	15.036	2619073	22.347 ug/mlm
11) N-HEXACOSANE	16.061	2495569	21.998 ug/mlm
12) N-OCTACOSANE	17.013	2638216	23.055 ug/mlm
13) N-TRIACONTANE	17.902	2564156	23.813 ug/mlm
14) N-DOTRIACONTANE	18.738	2344622	22.275 ug/ml
15) N-TETRATRIACONTANE	19.522	3218248	33.518 ug/mlm
16) N-HEXATRIACONTANE	20.264	2418835	29.930 ug/mlm
17) N-OCTATRIACONTANE	20.981	2405739	33.499 ug/mlm
18) N-TETRACONTANE	21.837	3017956	42.977 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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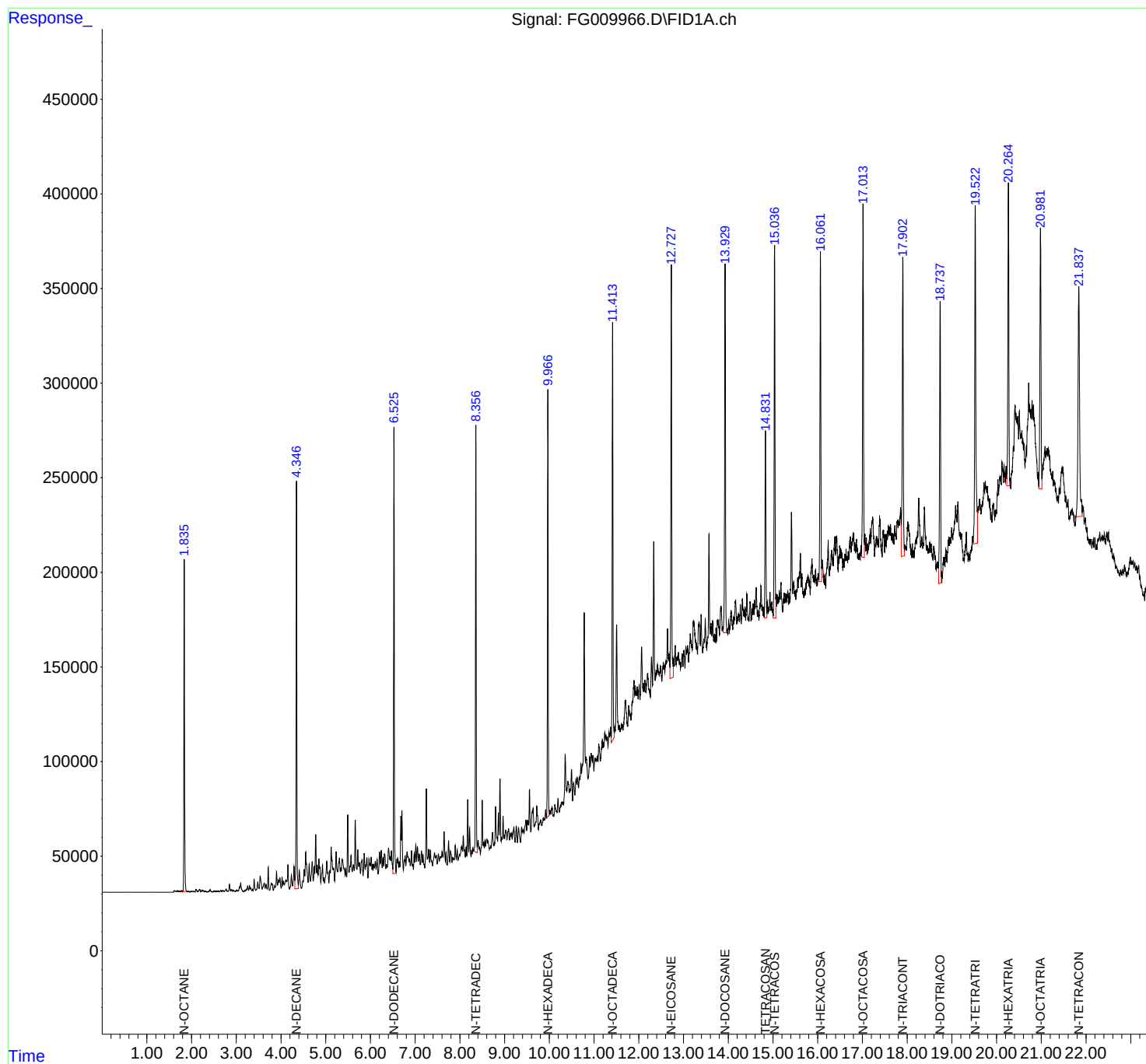
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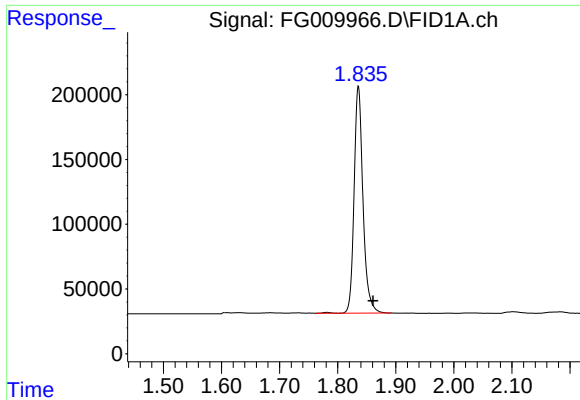
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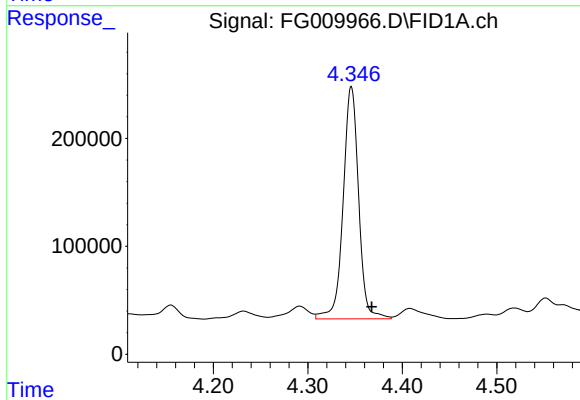
#1 N-OCTANE

R.T.: 1.836 min
Delta R.T.: -0.025 min
Response: 1868676
Conc: 14.91 ug/ml

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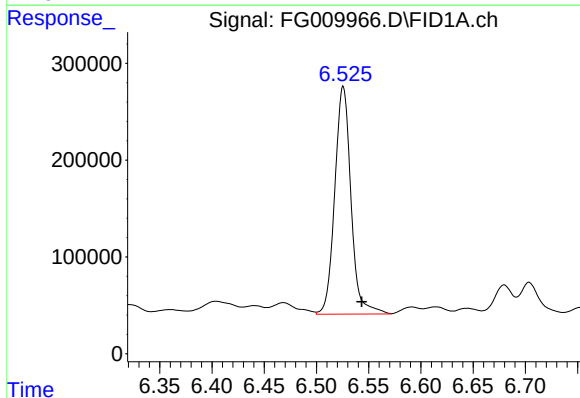
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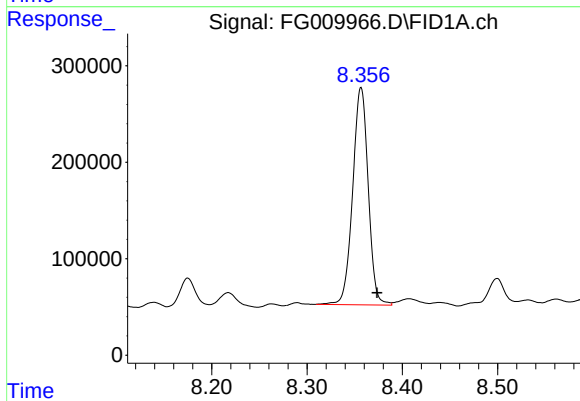
#2 N-DECANE

R.T.: 4.346 min
Delta R.T.: -0.022 min
Response: 2454730
Conc: 19.44 ug/ml



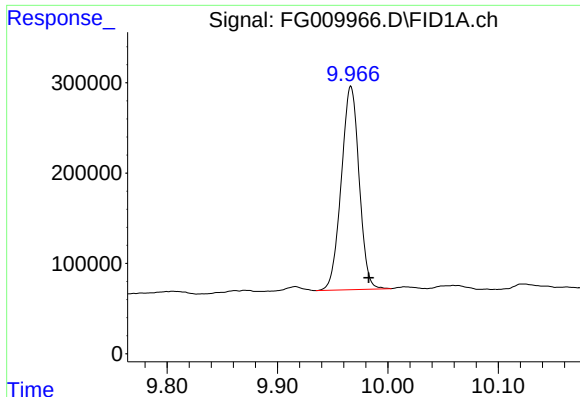
#3 N-DODECANE

R.T.: 6.526 min
Delta R.T.: -0.018 min
Response: 2549225
Conc: 20.21 ug/ml



#4 N-TETRADECANE

R.T.: 8.357 min
Delta R.T.: -0.016 min
Response: 2554106
Conc: 20.10 ug/ml



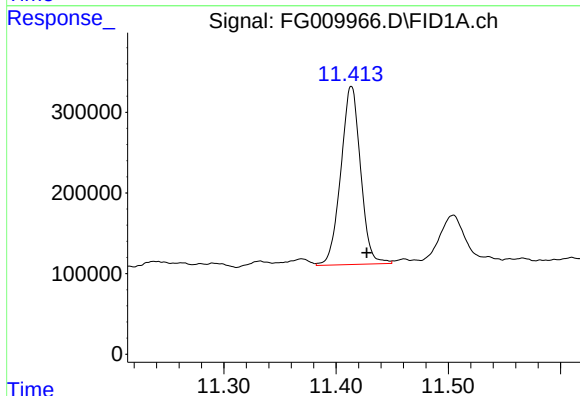
#5 N-HEXADECANE

R.T.: 9.966 min
Delta R.T.: -0.016 min
Response: 2527546
Conc: 20.04 ug/ml

Instrument :
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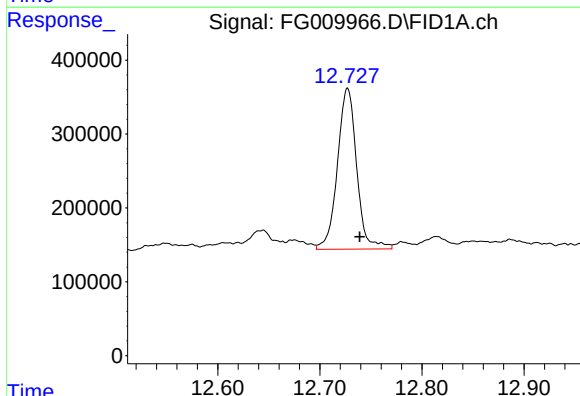
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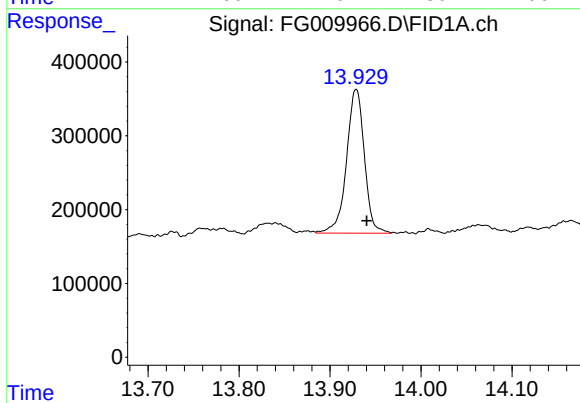
#6 N-OCTADECANE

R.T.: 11.414 min
Delta R.T.: -0.014 min
Response: 2698803
Conc: 21.38 ug/ml



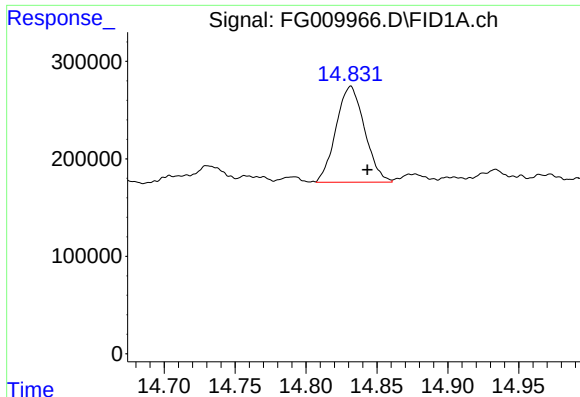
#7 N-EICOSANE

R.T.: 12.727 min
Delta R.T.: -0.012 min
Response: 2860867
Conc: 23.39 ug/ml



#8 N-DOCOSANE

R.T.: 13.929 min
Delta R.T.: -0.012 min
Response: 2658844
Conc: 22.05 ug/ml m



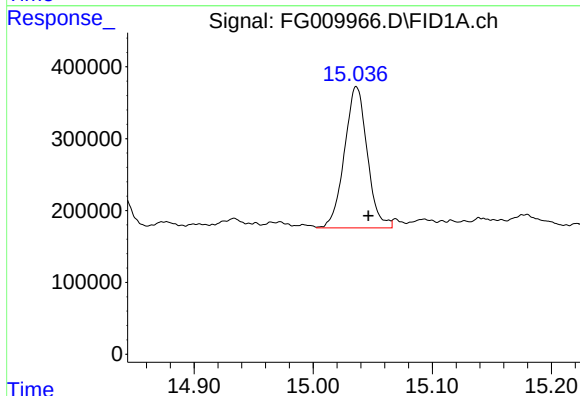
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.831 min
Delta R.T.: -0.012 min
Response: 1381140
Conc: 13.12 ug/ml

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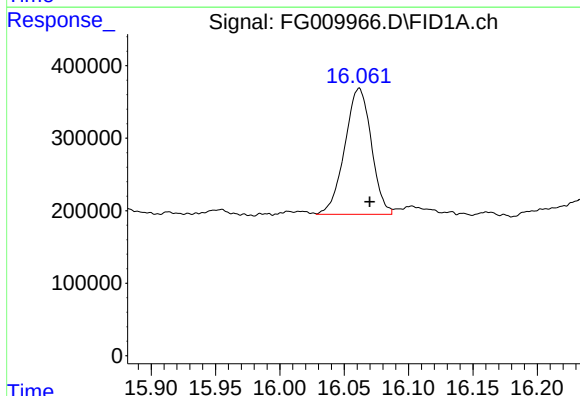
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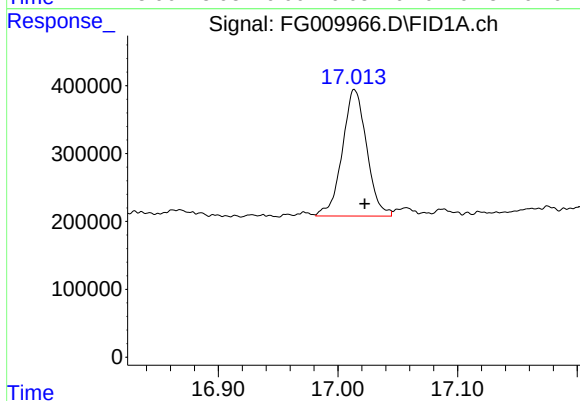
#10 N-TETRACOSANE

R.T.: 15.036 min
Delta R.T.: -0.011 min
Response: 2619073
Conc: 22.35 ug/ml m



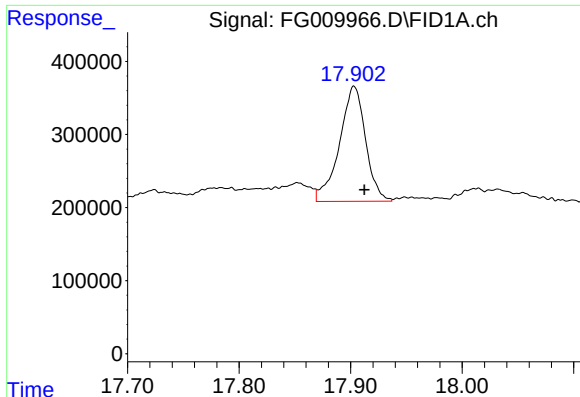
#11 N-HEXACOSANE

R.T.: 16.061 min
Delta R.T.: -0.008 min
Response: 2495569
Conc: 22.00 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.013 min
Delta R.T.: -0.009 min
Response: 2638216
Conc: 23.05 ug/ml m



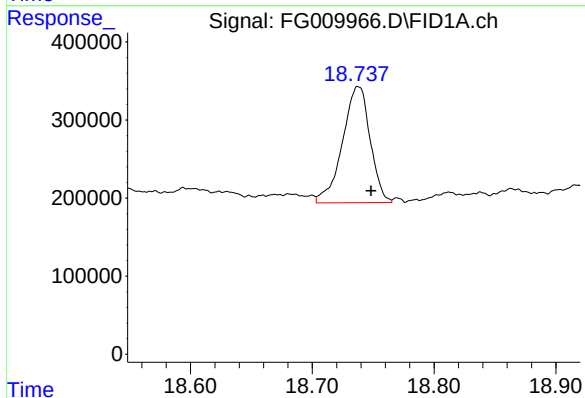
#13 N-TRIACONTANE

R.T.: 17.902 min
Delta R.T.: -0.010 min
Response: 2564156
Conc: 23.81 ug/ml

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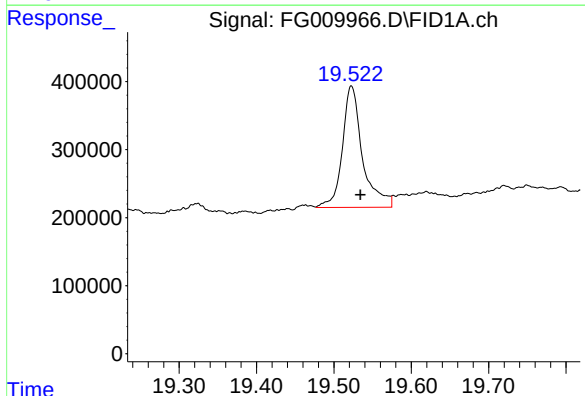
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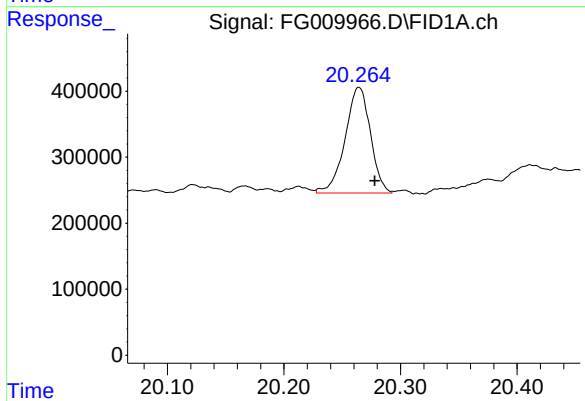
#14 N-DOTRIACONTANE

R.T.: 18.738 min
Delta R.T.: -0.010 min
Response: 2344622
Conc: 22.27 ug/ml



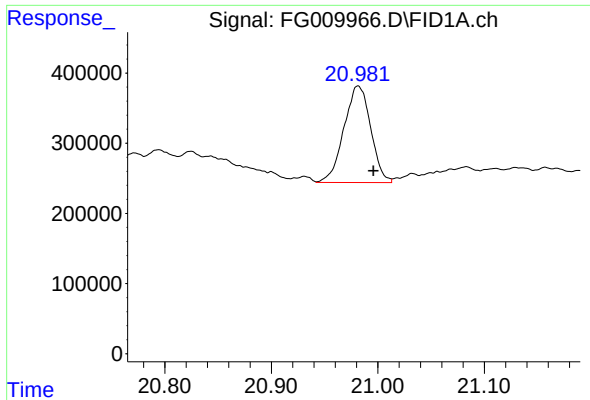
#15 N-TETRATRIACONTANE

R.T.: 19.522 min
Delta R.T.: -0.012 min
Response: 3218248
Conc: 33.52 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.264 min
Delta R.T.: -0.014 min
Response: 2418835
Conc: 29.93 ug/ml m



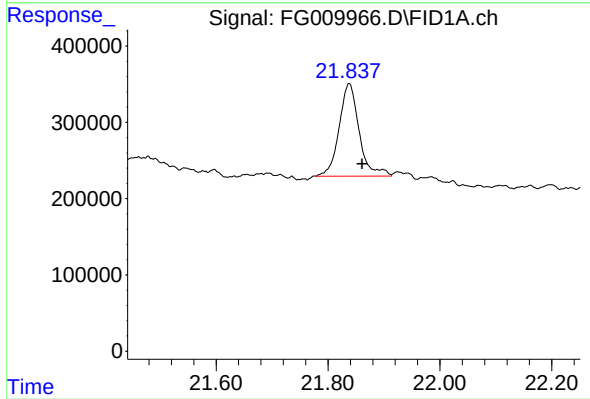
#17 N-OCTATRIACONTANE

R.T.: 20.981 min
Delta R.T.: -0.015 min
Response: 2405739
Conc: 33.50 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.837 min
Delta R.T.: -0.024 min
Response: 3017956
Conc: 42.98 ug/ml m