

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111521\
 Data File : FG009082.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2021 21:11
 Operator : AJ\MA
 Sample : M4684-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 AU-5-111221MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/16/2021
 Supervised By :mohammad ahmed 11/16/2021

Integration File: autoint1.e
 Quant Time: Nov 16 01:00:36 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...	14.755	1852171	16.048 ug/ml
Target Compounds			
1) N-OCTANE	2.333	1979410	14.678 ug/ml
2) N-DECANE	4.439	2654990	19.636 ug/ml
3) N-DODECANE	6.467	2783376	20.499 ug/ml
4) N-TETRADECANE	8.271	2789342	21.001 ug/ml
5) N-HEXADECANE	9.879	2691840	20.305 ug/ml
6) N-OCTADECANE	11.329	2763039	20.152 ug/ml
7) N-EICOSANE	12.645	2879568	21.053 ug/ml
8) N-DOCOSANE	13.851	2791419	20.858 ug/ml
10) N-TETRACOSANE	14.961	3029110	22.932 ug/ml
11) N-HEXACOSANE	15.988	2535338	19.913 ug/mlm
12) N-OCTACOSANE	16.943	2579636	20.983 ug/mlm
13) N-TRIACONTANE	17.836	2887617	24.663 ug/mlm
14) N-DOTRIACONTANE	18.676	3146334	28.900 ug/mlm
15) N-TETRATRIACONTANE	19.465	3363380	33.110 ug/mlm
16) N-HEXATRIACONTANE	20.208	3236135	34.309 ug/mlm
17) N-OCTATRIACONTANE	20.970f	3357454	37.947 ug/mlm
18) N-TETRACONTANE	21.922f	3275405	37.074 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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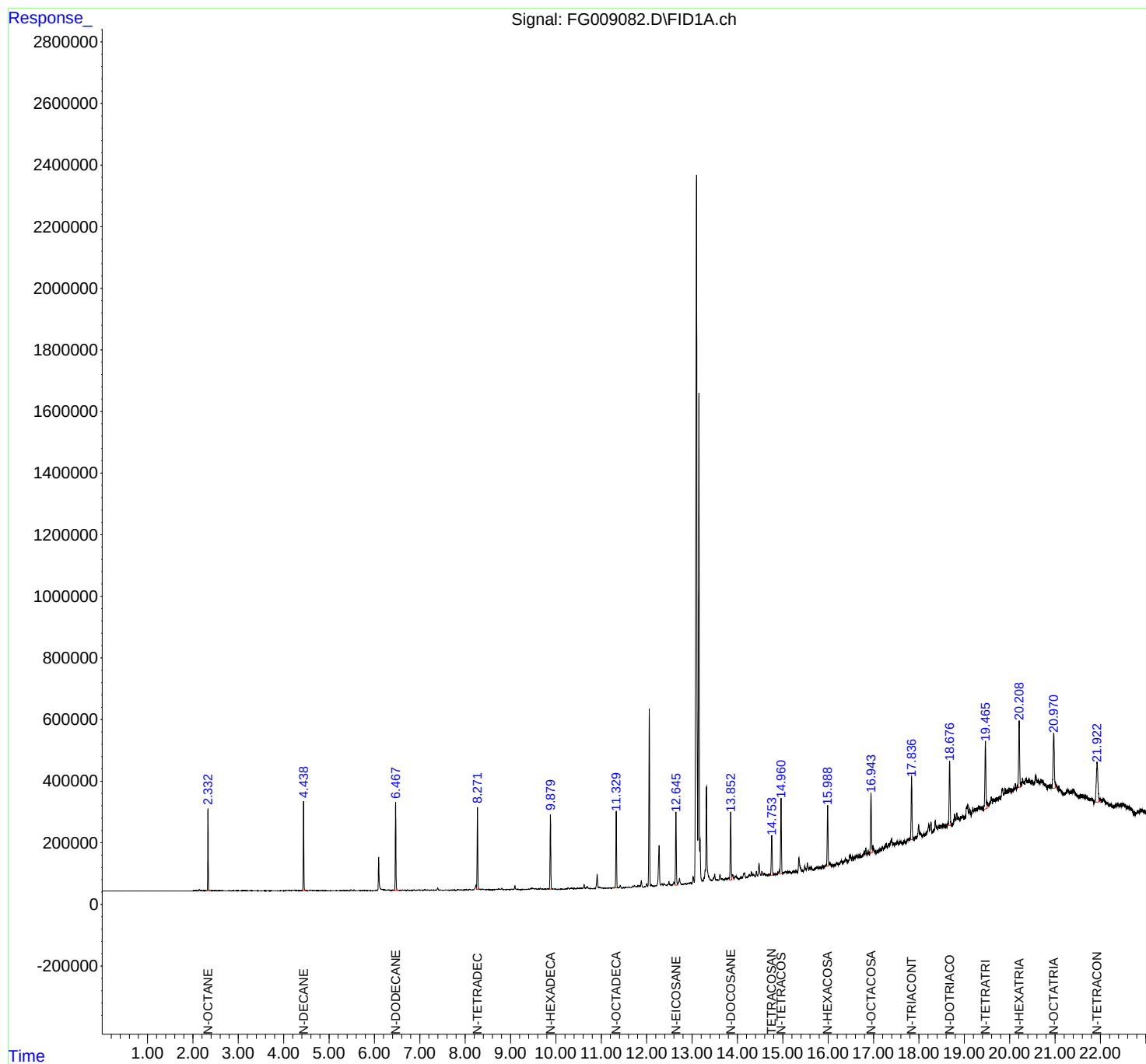
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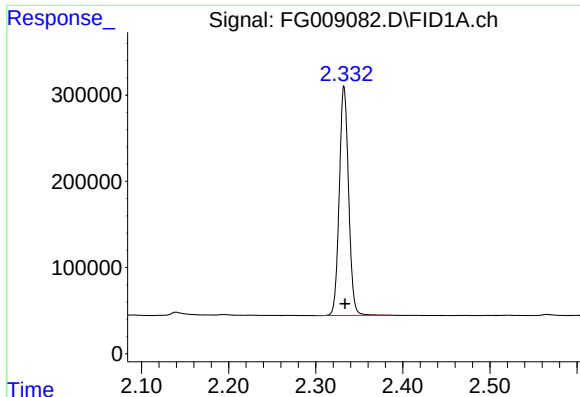
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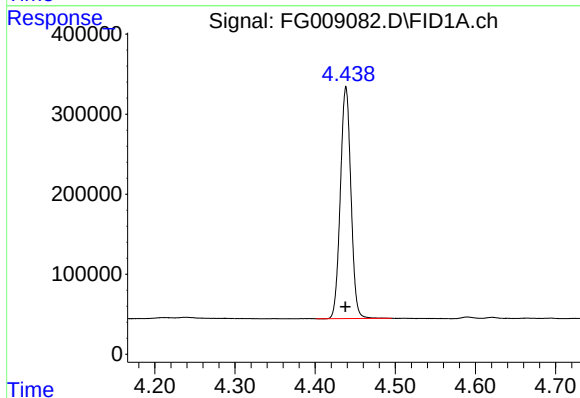
#1 N-OCTANE

R.T.: 2.333 min
Delta R.T.: -0.001 min
Response: 1979410
Conc: 14.68 ug/ml

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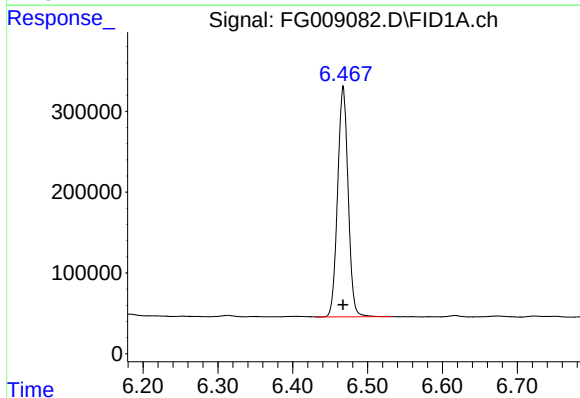
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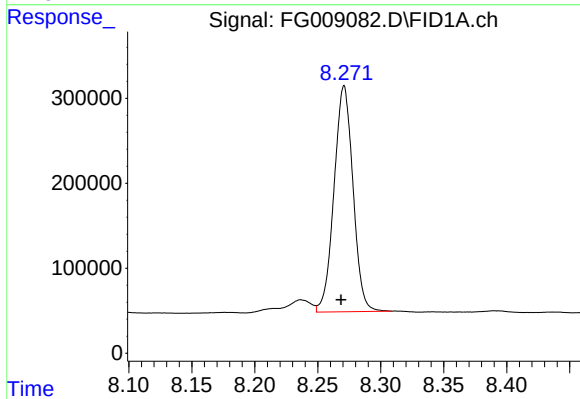
#2 N-DECANE

R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 2654990
Conc: 19.64 ug/ml



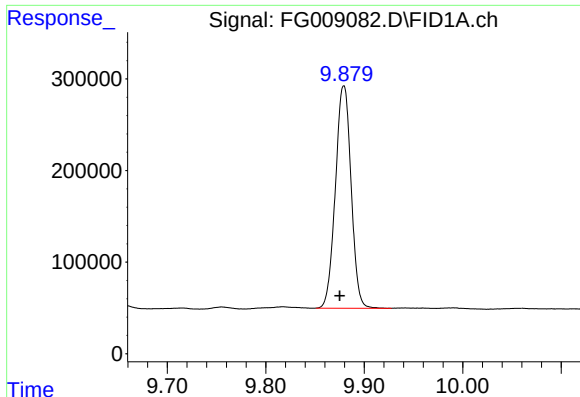
#3 N-DODECANE

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2783376
Conc: 20.50 ug/ml



#4 N-TETRADECANE

R.T.: 8.271 min
Delta R.T.: 0.002 min
Response: 2789342
Conc: 21.00 ug/ml



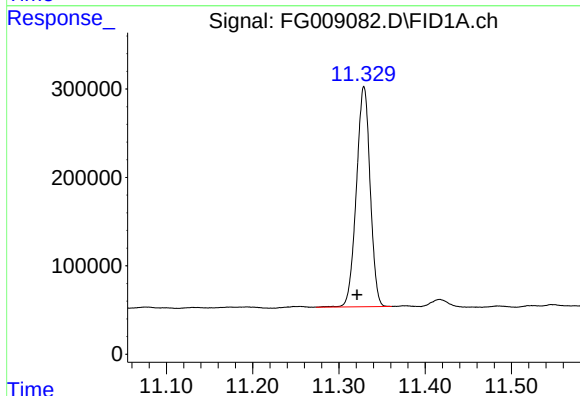
#5 N-HEXADECANE

R.T.: 9.879 min
Delta R.T.: 0.004 min
Response: 2691840
Conc: 20.31 ug/ml

Instrument :
FID_G
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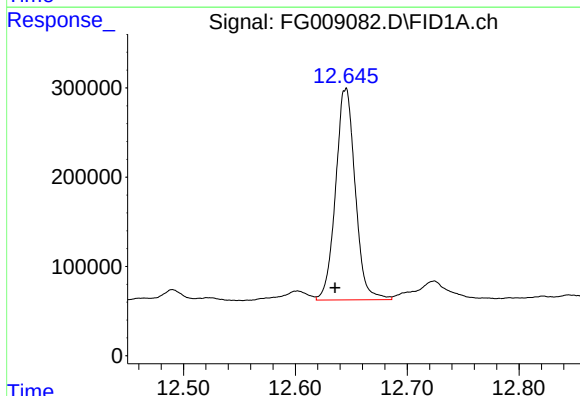
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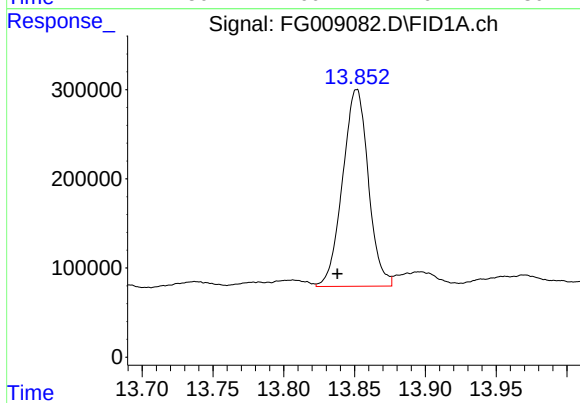
#6 N-OCTADECANE

R.T.: 11.329 min
Delta R.T.: 0.008 min
Response: 2763039
Conc: 20.15 ug/ml



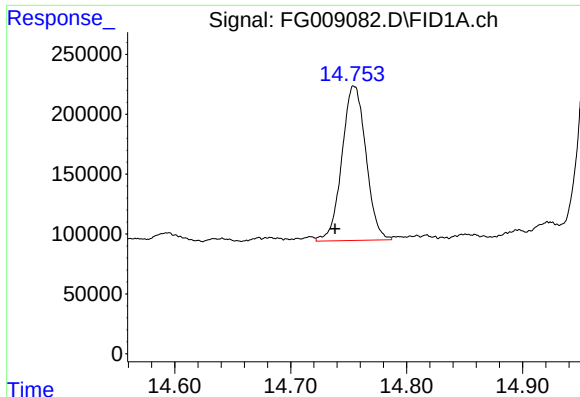
#7 N-EICOSANE

R.T.: 12.645 min
Delta R.T.: 0.010 min
Response: 2879568
Conc: 21.05 ug/ml



#8 N-DOCOSANE

R.T.: 13.851 min
Delta R.T.: 0.014 min
Response: 2791419
Conc: 20.86 ug/ml



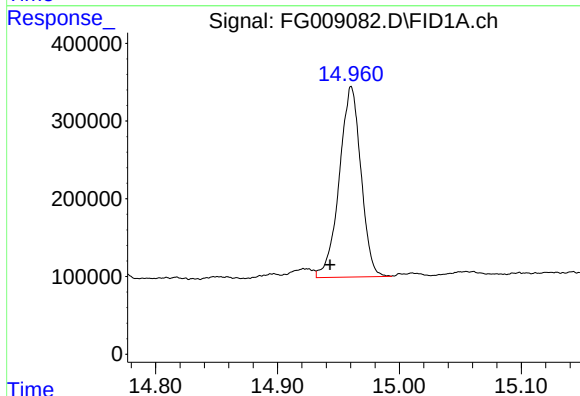
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.755 min
Delta R.T.: 0.016 min
Response: 1852171
Conc: 16.05 ug/ml

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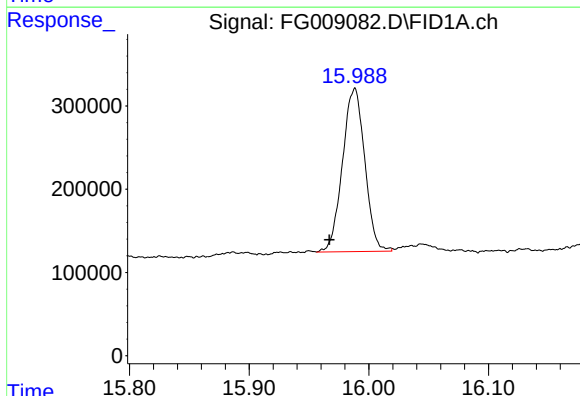
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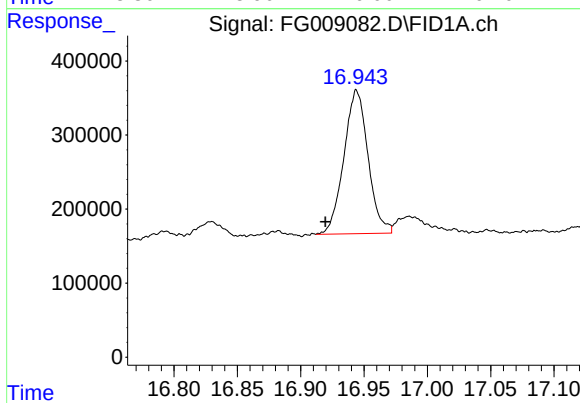
#10 N-TETRACOSANE

R.T.: 14.961 min
Delta R.T.: 0.018 min
Response: 3029110
Conc: 22.93 ug/ml



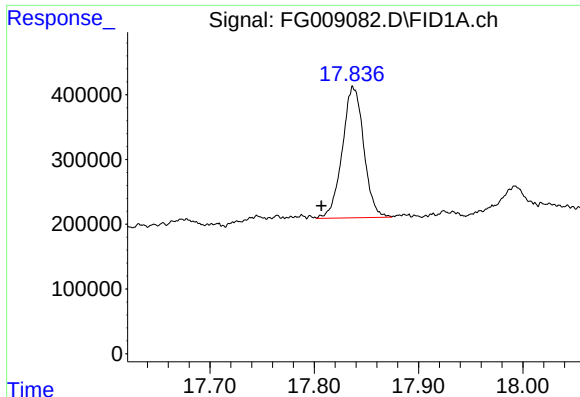
#11 N-HEXACOSANE

R.T.: 15.988 min
Delta R.T.: 0.021 min
Response: 2535338
Conc: 19.91 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.943 min
Delta R.T.: 0.024 min
Response: 2579636
Conc: 20.98 ug/ml m



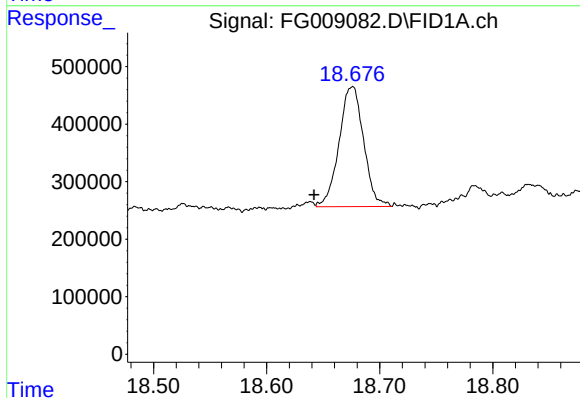
#13 N-TRIACONTANE

R.T.: 17.836 min
Delta R.T.: 0.029 min
Response: 2887617
Conc: 24.66 ug/ml

Instrument :
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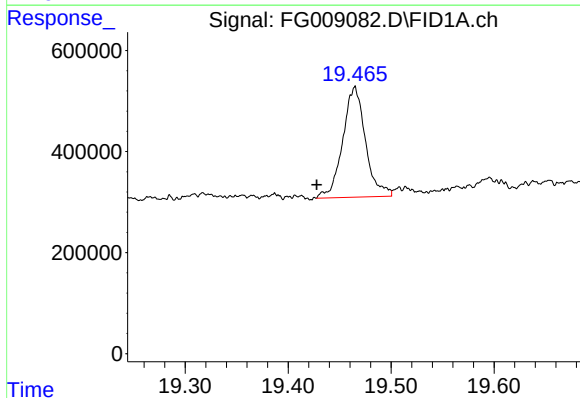
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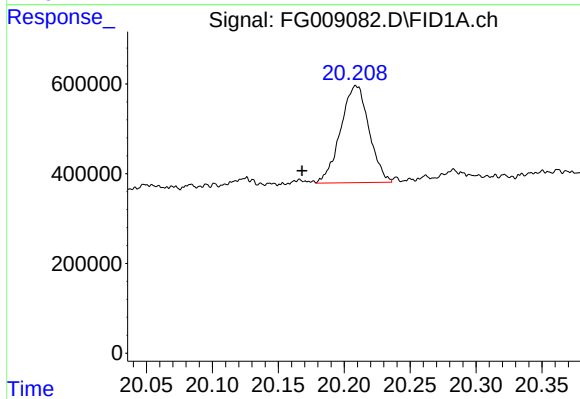
#14 N-DOTRIACONTANE

R.T.: 18.676 min
Delta R.T.: 0.034 min
Response: 3146334
Conc: 28.90 ug/ml m



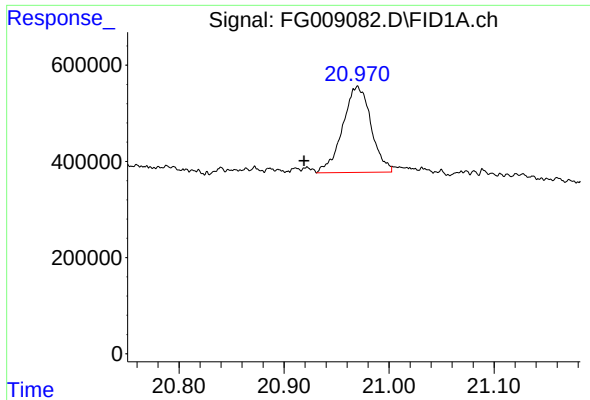
#15 N-TETRATRIACONTANE

R.T.: 19.465 min
Delta R.T.: 0.037 min
Response: 3363380
Conc: 33.11 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.208 min
Delta R.T.: 0.040 min
Response: 3236135
Conc: 34.31 ug/ml m



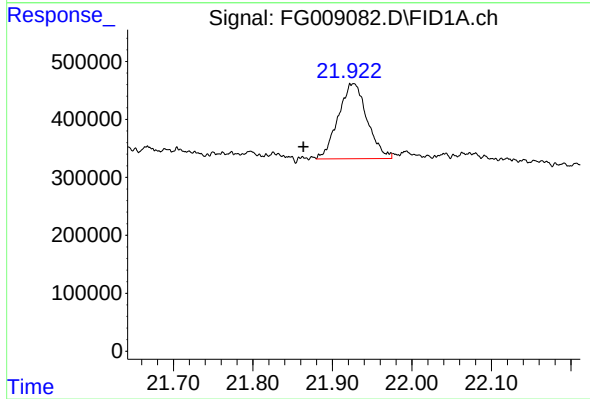
#17 N-OCTATRIACONTANE

R.T.: 20.970 min
Delta R.T.: 0.051 min
Response: 3357454
Conc: 37.95 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.922 min
Delta R.T.: 0.058 min
Response: 3275405
Conc: 37.07 ug/ml m