

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071223\
 Data File : FG012371.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2023 14:57
 Operator : YP\AJ
 Sample : 03522-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :Ankita Jodhani 07/13/2023

Integration File: autoint1.e
 Quant Time: Jul 13 01:17:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070623.M
 Quant Title :
 QLast Update : Thu Jul 06 13:57:02 2023
 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...	14.981	1342799	12.565 ug/mlm
Target Compounds			
1) N-OCTANE	2.016	1846118	15.365 ug/ml
2) N-DECANE	4.522	2444166	20.052 ug/ml
3) N-DODECANE	6.691	2592444	21.162 ug/ml
4) N-TETRADECANE	8.519	2532346	21.310 ug/ml
5) N-HEXADECANE	10.128	2697022	21.509 ug/ml
6) N-OCTADECANE	11.572	3000471	23.357 ug/ml
7) N-EICOSANE	12.883	2749611	21.768 ug/ml
8) N-DOCOSANE	14.083	2744321	22.335 ug/ml
10) N-TETRACOSANE	15.187	3014082	22.782 ug/ml
11) N-HEXACOSANE	16.210	2627711	22.455 ug/ml
12) N-OCTACOSANE	17.160	2694486	23.599 ug/ml
13) N-TRIACONTANE	18.050	2832132	25.539 ug/ml
14) N-DOTRIACONTANE	18.883	3294407	31.520 ug/ml
15) N-TETRATRIACONTANE	19.670	3709535	37.674 ug/ml
16) N-HEXATRIACONTANE	20.411	4309178	46.589 ug/ml
17) N-OCTATRIACONTANE	21.147	4777137	53.572 ug/ml
18) N-TETRACONTANE	22.057	4722961	53.201 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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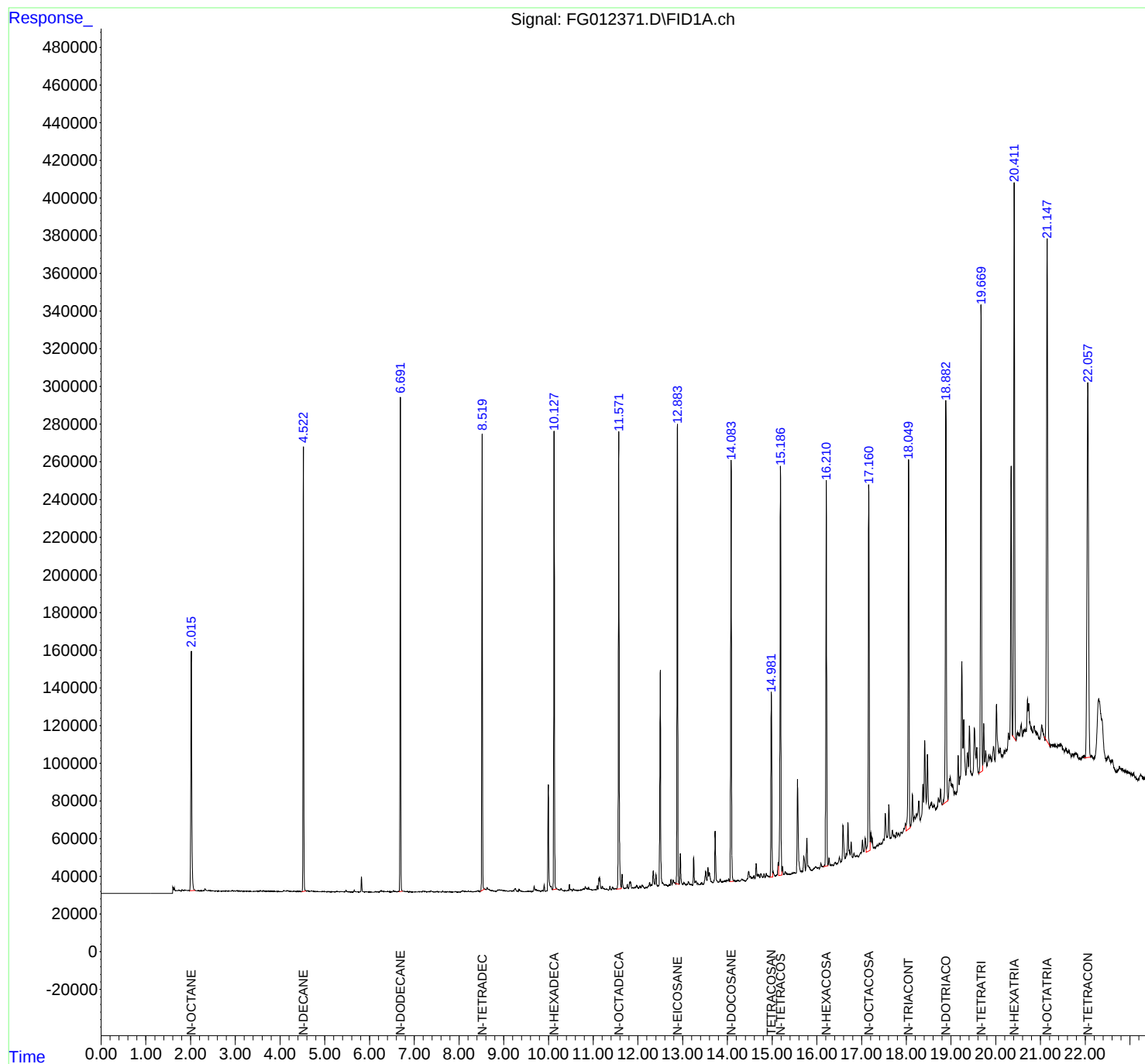
APPROVED

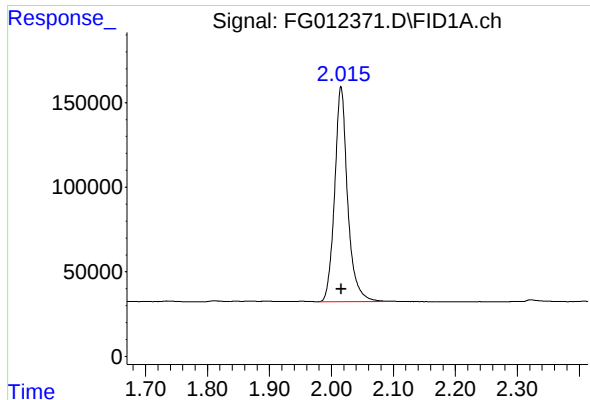
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Signal Info : 20mx0.18mmx0.18um





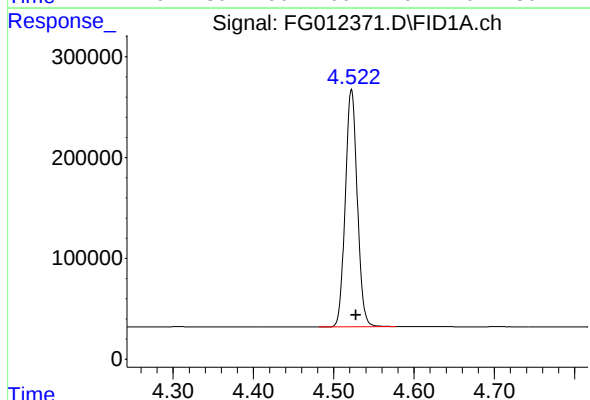
#1 N-OCTANE

R.T.: 2.016 min
Delta R.T.: 0.000 min
Response: 1846118
Conc: 15.37 ug/ml

Instrument :
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ClientSampleId :
WASTEMSD

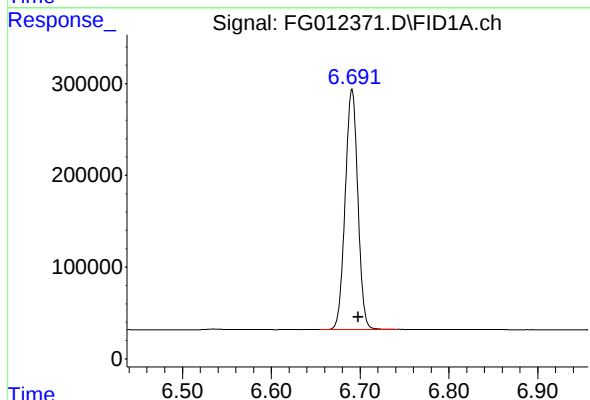
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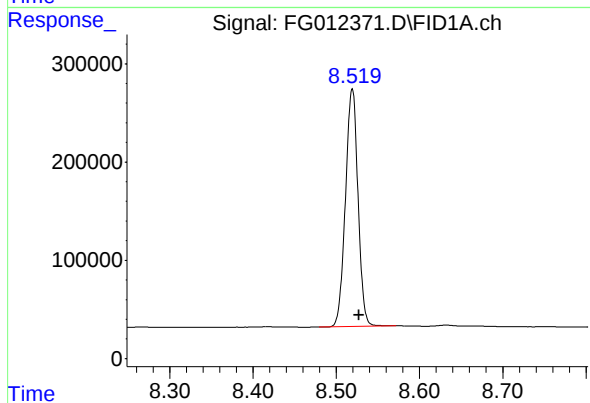
#2 N-DECANE

R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 2444166
Conc: 20.05 ug/ml



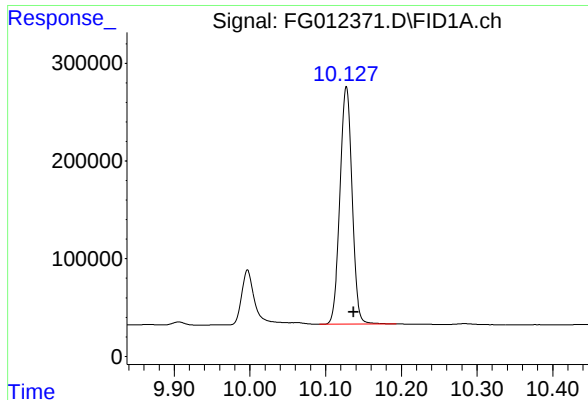
#3 N-DODECANE

R.T.: 6.691 min
Delta R.T.: -0.007 min
Response: 2592444
Conc: 21.16 ug/ml



#4 N-TETRADECANE

R.T.: 8.519 min
Delta R.T.: -0.008 min
Response: 2532346
Conc: 21.31 ug/ml



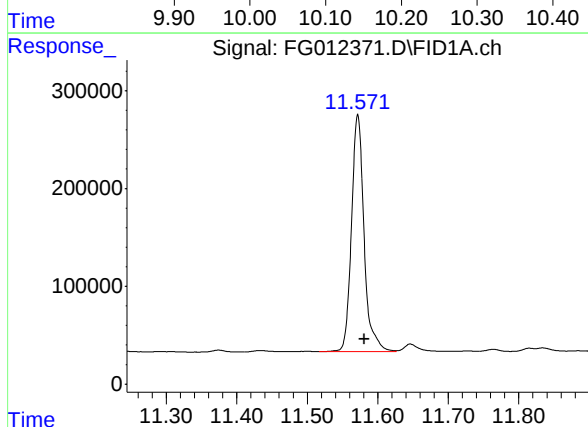
#5 N-HEXADECANE

R.T.: 10.128 min
Delta R.T.: -0.009 min
Response: 2697022
Conc: 21.51 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

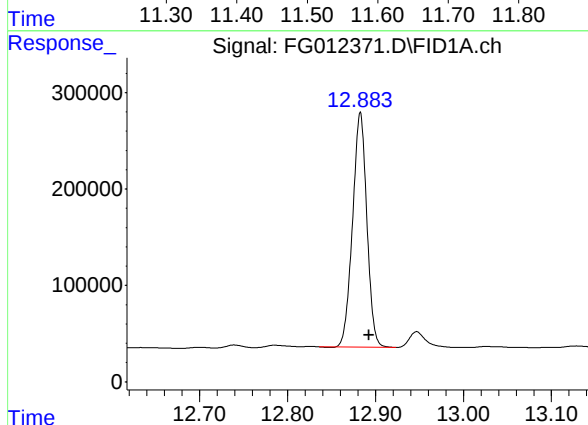
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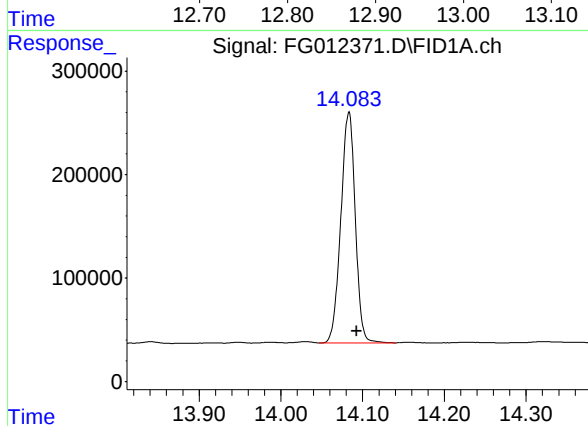
#6 N-OCTADECANE

R.T.: 11.572 min
Delta R.T.: -0.009 min
Response: 3000471
Conc: 23.36 ug/ml



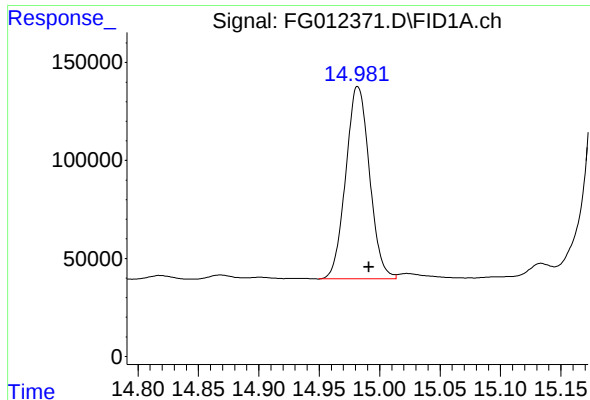
#7 N-EICOSANE

R.T.: 12.883 min
Delta R.T.: -0.010 min
Response: 2749611
Conc: 21.77 ug/ml



#8 N-DOCOSANE

R.T.: 14.083 min
Delta R.T.: -0.009 min
Response: 2744321
Conc: 22.34 ug/ml



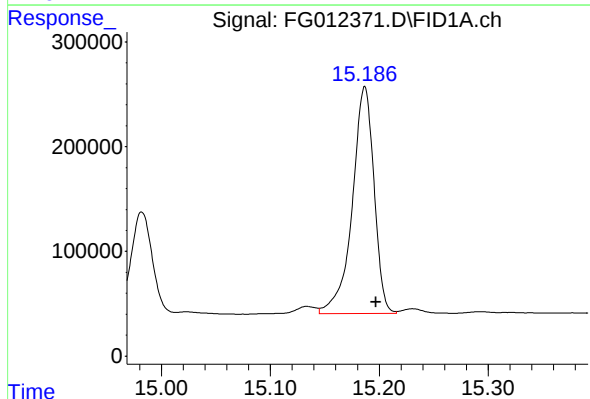
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.981 min
Delta R.T.: -0.010 min
Response: 1342799
Conc: 12.57 ug/ml

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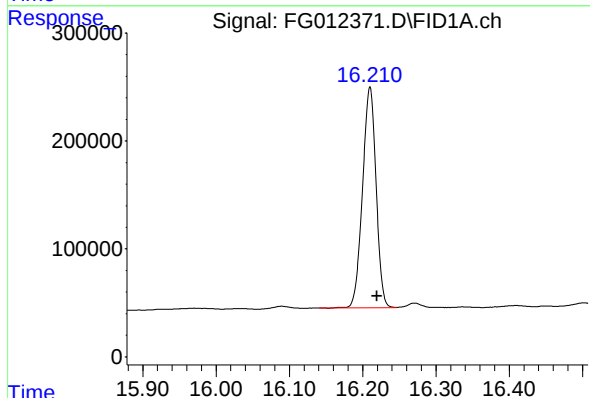
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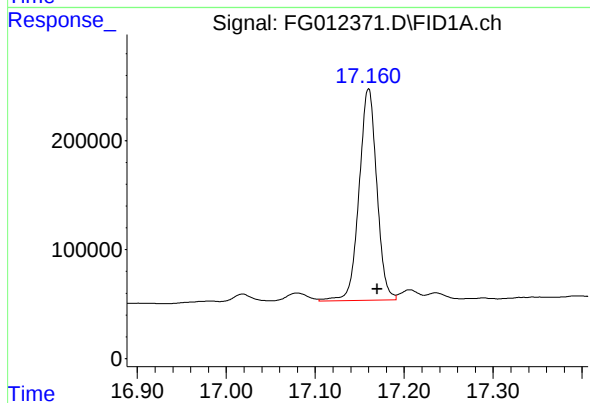
#10 N-TETRACOSANE

R.T.: 15.187 min
Delta R.T.: -0.010 min
Response: 3014082
Conc: 22.78 ug/ml



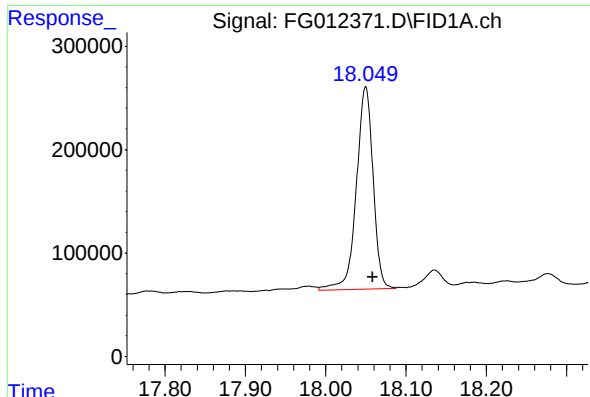
#11 N-HEXACOSANE

R.T.: 16.210 min
Delta R.T.: -0.009 min
Response: 2627711
Conc: 22.45 ug/ml



#12 N-OCTACOSANE

R.T.: 17.160 min
Delta R.T.: -0.010 min
Response: 2694486
Conc: 23.60 ug/ml



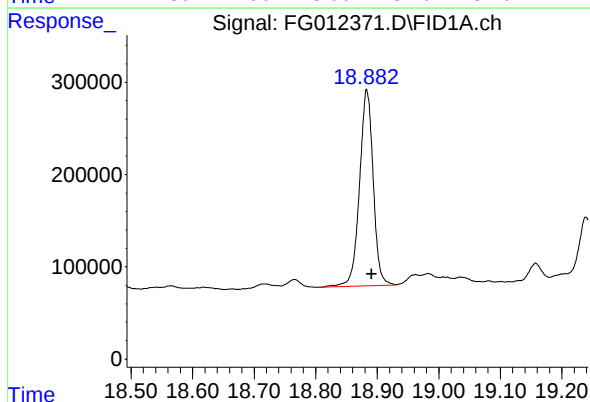
#13 N-TRIACONTANE

R.T.: 18.050 min
Delta R.T.: -0.008 min
Response: 2832132
Conc: 25.54 ug/ml

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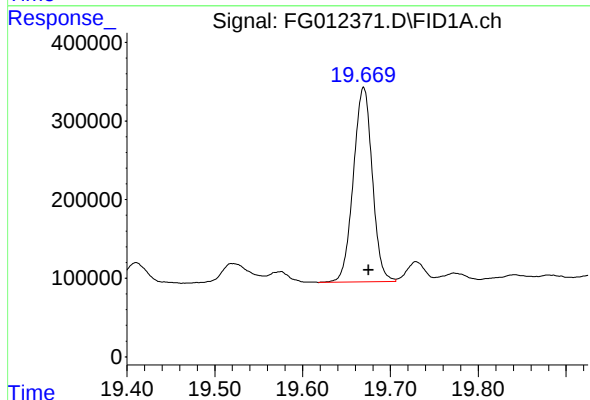
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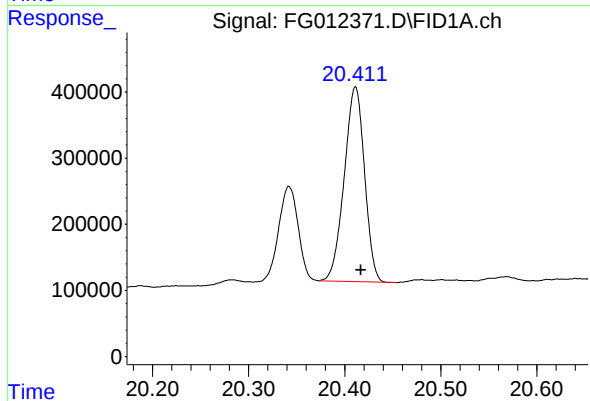
#14 N-DOTRIACONTANE

R.T.: 18.883 min
Delta R.T.: -0.008 min
Response: 3294407
Conc: 31.52 ug/ml



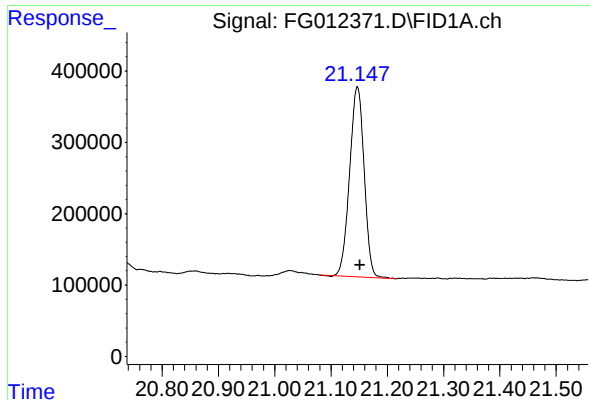
#15 N-TETRATRIACONTANE

R.T.: 19.670 min
Delta R.T.: -0.006 min
Response: 3709535
Conc: 37.67 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.411 min
Delta R.T.: -0.006 min
Response: 4309178
Conc: 46.59 ug/ml



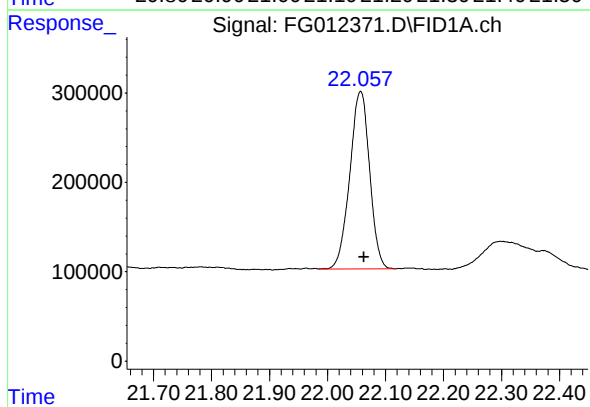
#17 N-OCTATRIACONTANE

R.T.: 21.147 min
Delta R.T.: -0.005 min
Response: 4777137
Conc: 53.57 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.057 min
Delta R.T.: -0.006 min
Response: 4722961
Conc: 53.20 ug/ml