

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091223\
 Data File : FG012897.D
 Signal(s) : FID1A.ch
 Acq On : 12 Sep 2023 16:45
 Operator : YP\AJ
 Sample : 04364-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :Ankita Jodhani 09/13/2023

Integration File: autoint1.e
 Quant Time: Sep 13 03:07:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090123.M
 Quant Title :
 QLast Update : Thu Aug 31 16:39:19 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...	15.081	1182411	10.578 ug/ml
Target Compounds			
1) N-OCTANE	2.079	2012571	15.281 ug/ml
2) N-DECANE	4.598	2403409	17.742 ug/ml
3) N-DODECANE	6.771	2510847	18.551 ug/ml
4) N-TETRADECANE	8.604	2546921	18.988 ug/ml
5) N-HEXADECANE	10.217	2589635	19.320 ug/ml
6) N-OCTADECANE	11.664	2665038	19.908 ug/ml
7) N-EICOSANE	12.978	2611369	20.094 ug/ml
8) N-DOCOSANE	14.180	2537922	20.184 ug/ml
10) N-TETRACOSANE	15.285	2916724	23.521 ug/ml
11) N-HEXACOSANE	16.309	2338947	19.467 ug/ml
12) N-OCTACOSANE	17.261	2394625	20.440 ug/ml
13) N-TRIACONTANE	18.149	2301866	20.340 ug/mlm
14) N-DOTRIACONTANE	18.982	2267458	21.766 ug/ml
15) N-TETRATRIACONTANE	19.768	2258779	24.433 ug/ml
16) N-HEXATRIACONTANE	20.507	2024442	24.979 ug/ml
17) N-OCTATRIACONTANE	21.264	2030487	26.588 ug/ml
18) N-TETRACONTANE	22.214	2089096	26.863 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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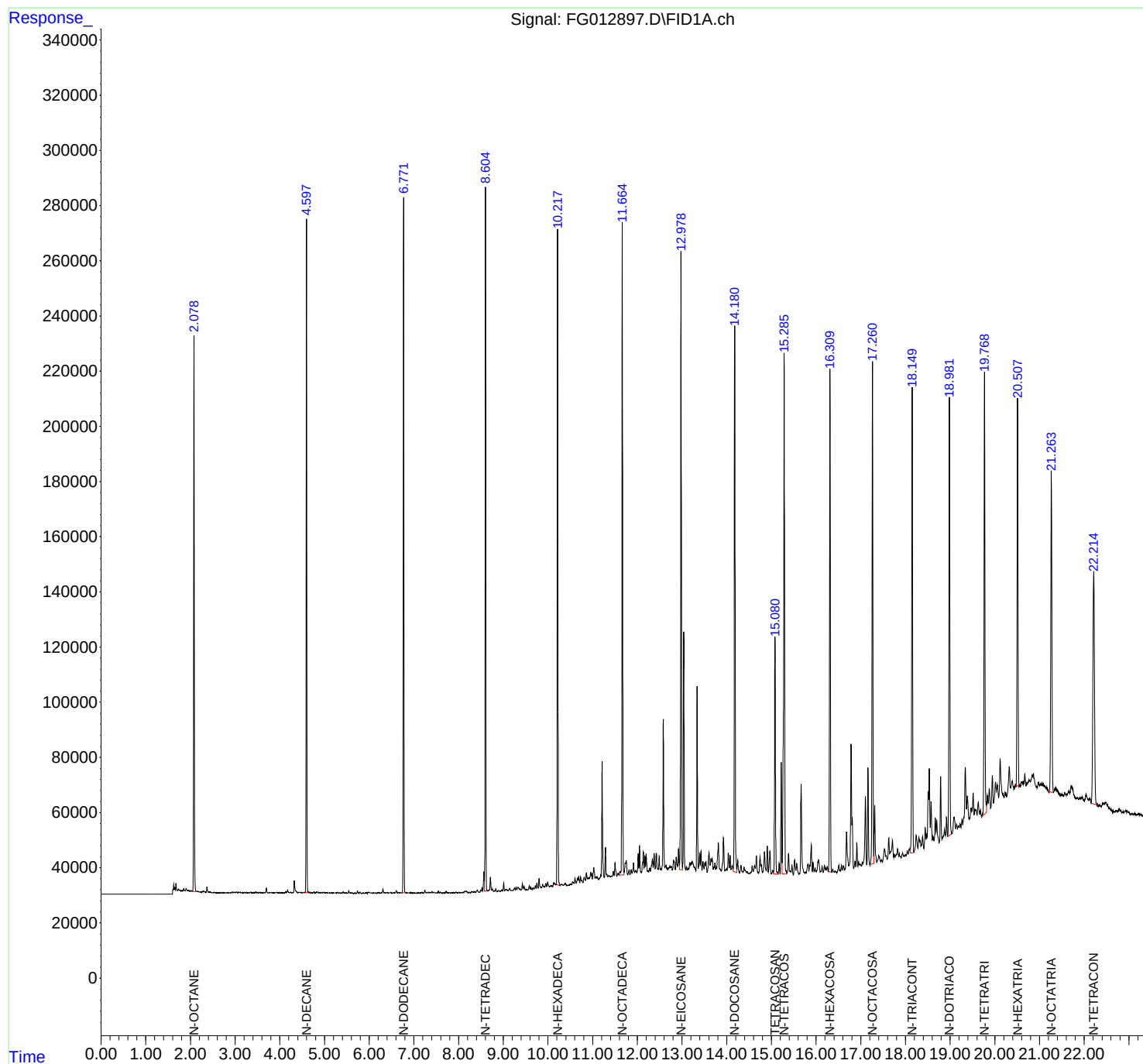
APPROVED

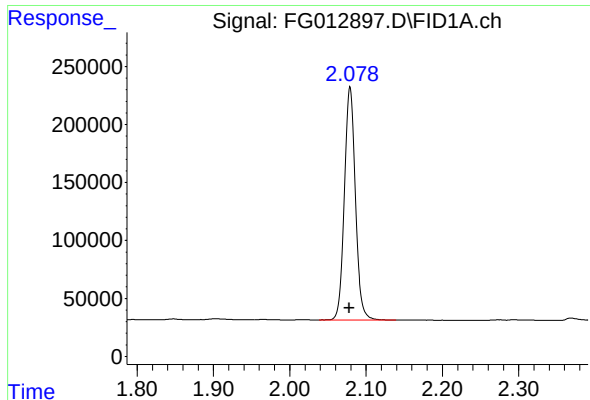
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Volume Inj. : 1uL
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Signal Info : 20mx0.18mmx0.18um





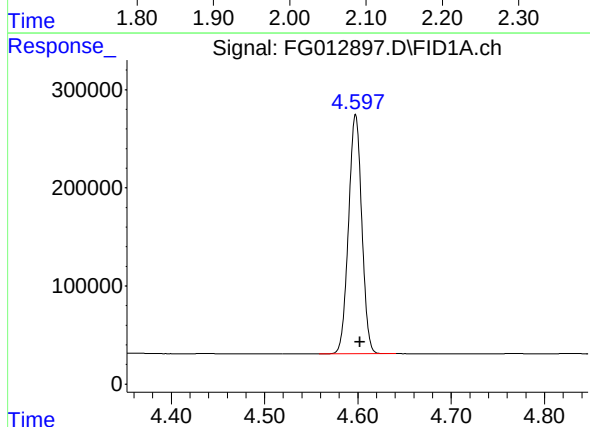
#1 N-OCTANE

R.T.: 2.079 min
Delta R.T.: 0.000 min
Response: 2012571
Conc: 15.28 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

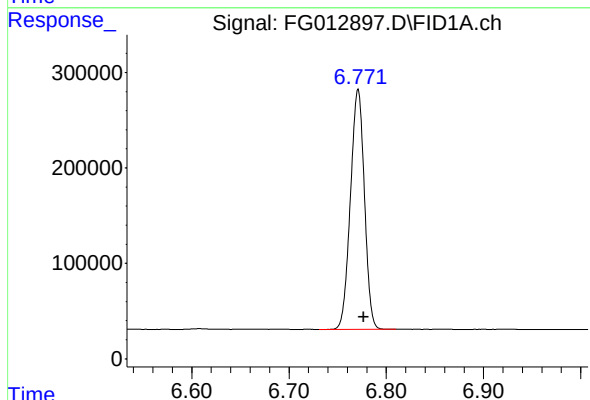
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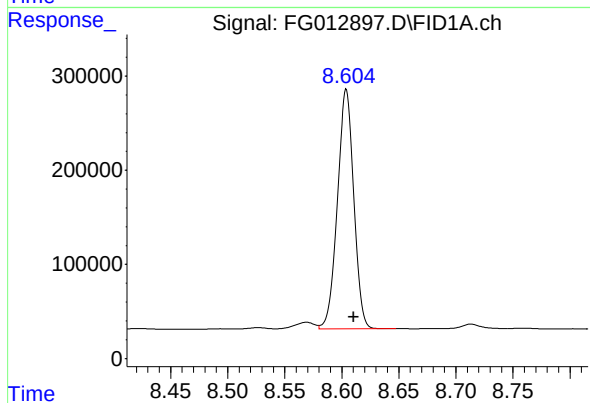
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.005 min
Response: 2403409
Conc: 17.74 ug/ml



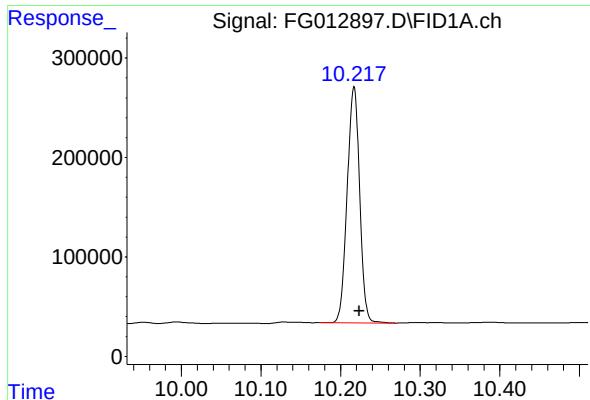
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: -0.006 min
Response: 2510847
Conc: 18.55 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: -0.006 min
Response: 2546921
Conc: 18.99 ug/ml



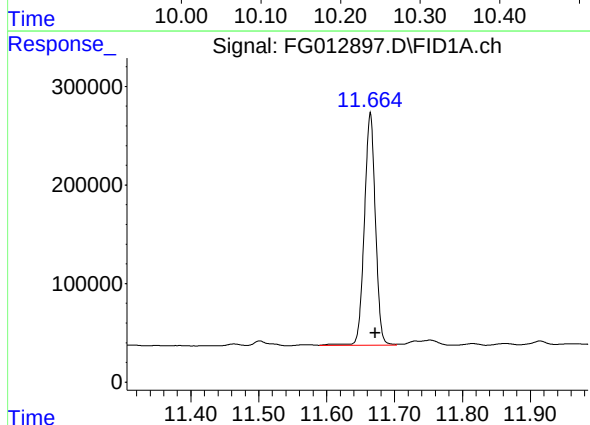
#5 N-HEXADECANE

R.T.: 10.217 min
Delta R.T.: -0.006 min
Response: 2589635
Conc: 19.32 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

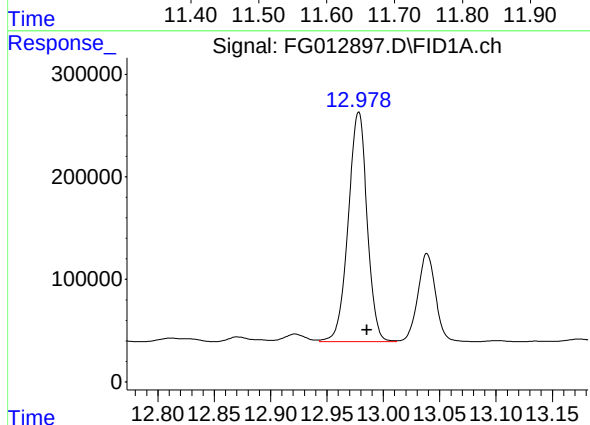
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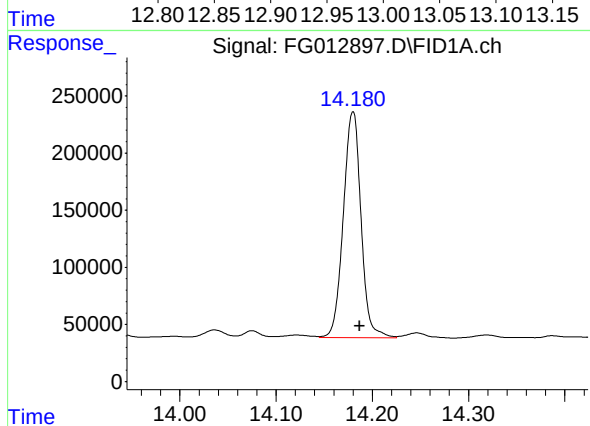
#6 N-OCTADECANE

R.T.: 11.664 min
Delta R.T.: -0.007 min
Response: 2665038
Conc: 19.91 ug/ml



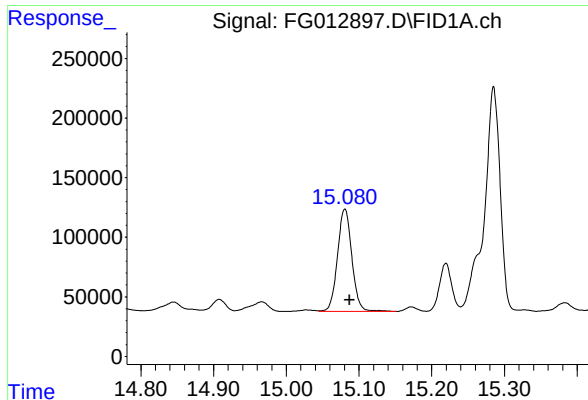
#7 N-EICOSANE

R.T.: 12.978 min
Delta R.T.: -0.008 min
Response: 2611369
Conc: 20.09 ug/ml



#8 N-DOCOSANE

R.T.: 14.180 min
Delta R.T.: -0.007 min
Response: 2537922
Conc: 20.18 ug/ml



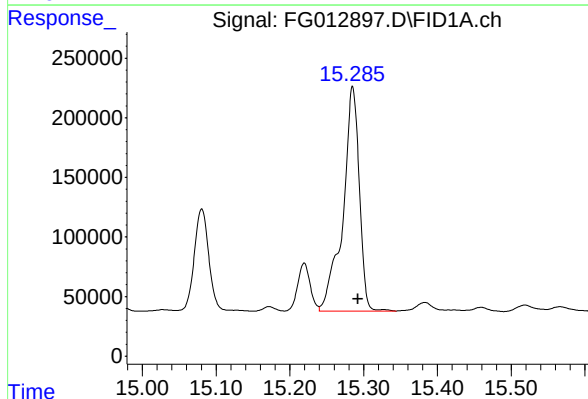
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.081 min
Delta R.T.: -0.007 min
Response: 1182411
Conc: 10.58 ug/ml

Instrument :
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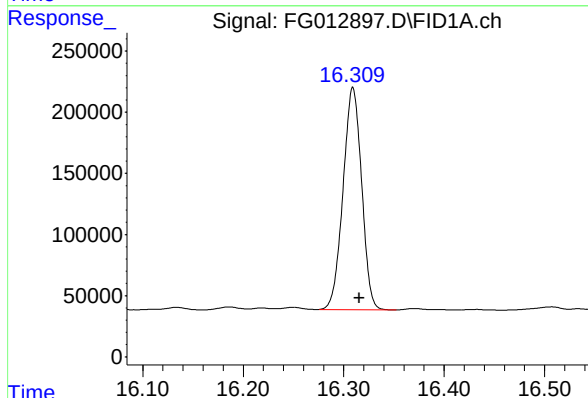
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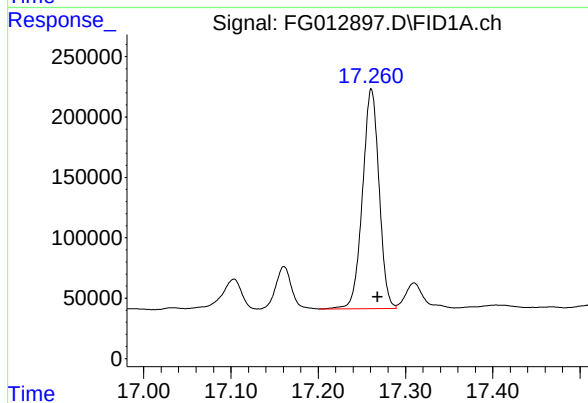
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: -0.007 min
Response: 2916724
Conc: 23.52 ug/ml



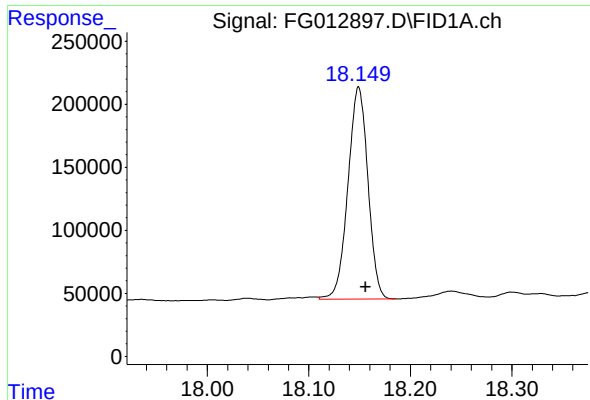
#11 N-HEXACOSANE

R.T.: 16.309 min
Delta R.T.: -0.007 min
Response: 2338947
Conc: 19.47 ug/ml



#12 N-OCTACOSANE

R.T.: 17.261 min
Delta R.T.: -0.007 min
Response: 2394625
Conc: 20.44 ug/ml



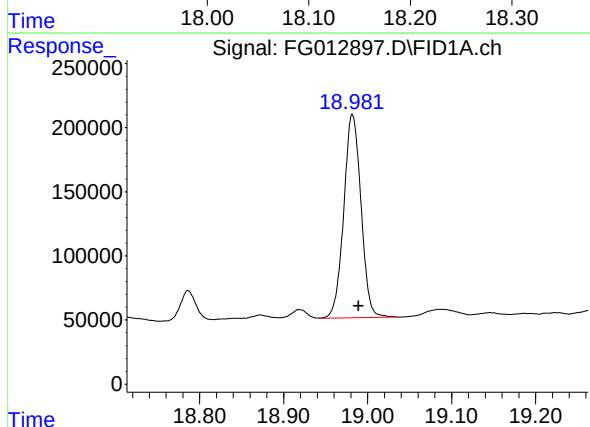
#13 N-TRIACONTANE

R.T.: 18.149 min
Delta R.T.: -0.007 min
Response: 2301866
Conc: 20.34 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMS

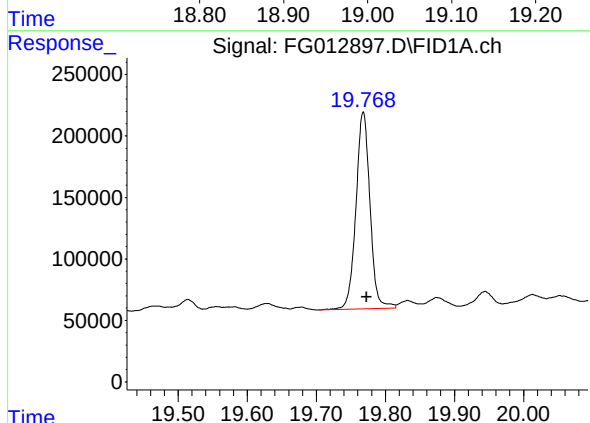
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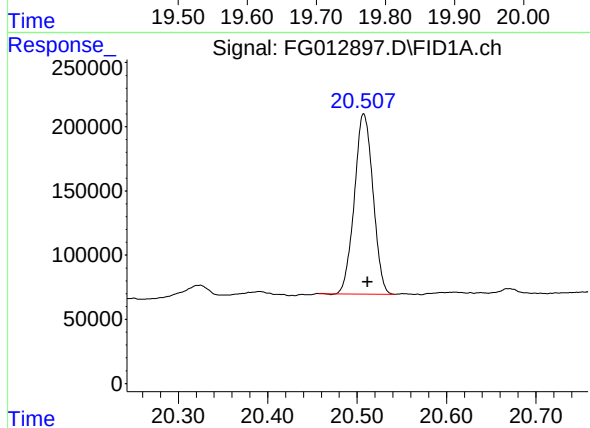
#14 N-DOTRIACONTANE

R.T.: 18.982 min
Delta R.T.: -0.008 min
Response: 2267458
Conc: 21.77 ug/ml



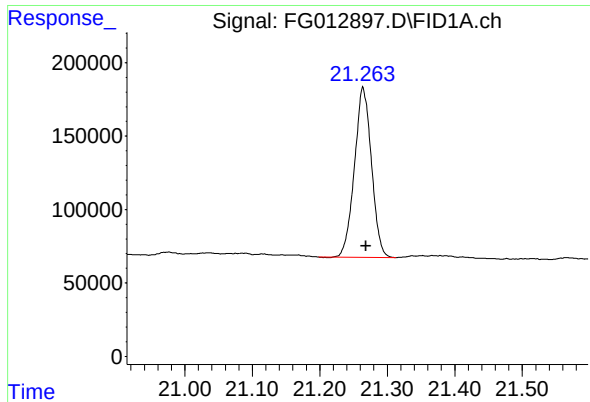
#15 N-TETRATRIACONTANE

R.T.: 19.768 min
Delta R.T.: -0.005 min
Response: 2258779
Conc: 24.43 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.507 min
Delta R.T.: -0.004 min
Response: 2024442
Conc: 24.98 ug/ml



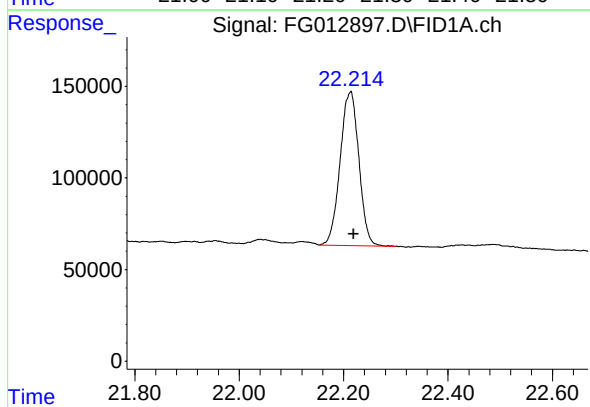
#17 N-OCTATRIACONTANE

R.T.: 21.264 min
Delta R.T.: -0.005 min
Response: 2030487
Conc: 26.59 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 22.214 min
Delta R.T.: -0.006 min
Response: 2089096
Conc: 26.86 ug/ml