

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072823\
 Data File : FG012576.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2023 17:08
 Operator : YP\AJ
 Sample : 03737-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2023
 Supervised By :Ankita Jodhani 07/31/2023

Integration File: autoint1.e
 Quant Time: Jul 29 03:39:04 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...	14.974	1119080	10.472 ug/ml
Target Compounds			
1) N-OCTANE	2.000	1944760	16.186 ug/mlm
2) N-DECANE	4.512	2317906	19.016 ug/ml
3) N-DODECANE	6.682	2389663	19.506 ug/ml
4) N-TETRADECANE	8.511	2302106	19.372 ug/ml
5) N-HEXADECANE	10.119	2333179	18.608 ug/ml
6) N-OCTADECANE	11.564	2525258	19.658 ug/ml
7) N-EICOSANE	12.875	2311714	18.301 ug/ml
8) N-DOCOSANE	14.074	2251570	18.325 ug/ml
10) N-TETRACOSANE	15.178	2704299	20.441 ug/ml
11) N-HEXACOSANE	16.201	2148546	18.360 ug/ml
12) N-OCTACOSANE	17.152	2242031	19.637 ug/ml
13) N-TRIACONTANE	18.041	2438091	21.986 ug/ml
14) N-DOTRIACONTANE	18.876	2858326	27.348 ug/ml
15) N-TETRATRIACONTANE	19.660	2206884	22.413 ug/ml
16) N-HEXATRIACONTANE	20.402	1836730	19.858 ug/ml
17) N-OCTATRIACONTANE	21.134	1743415	19.551 ug/ml
18) N-TETRACONTANE	22.041	1728329	19.468 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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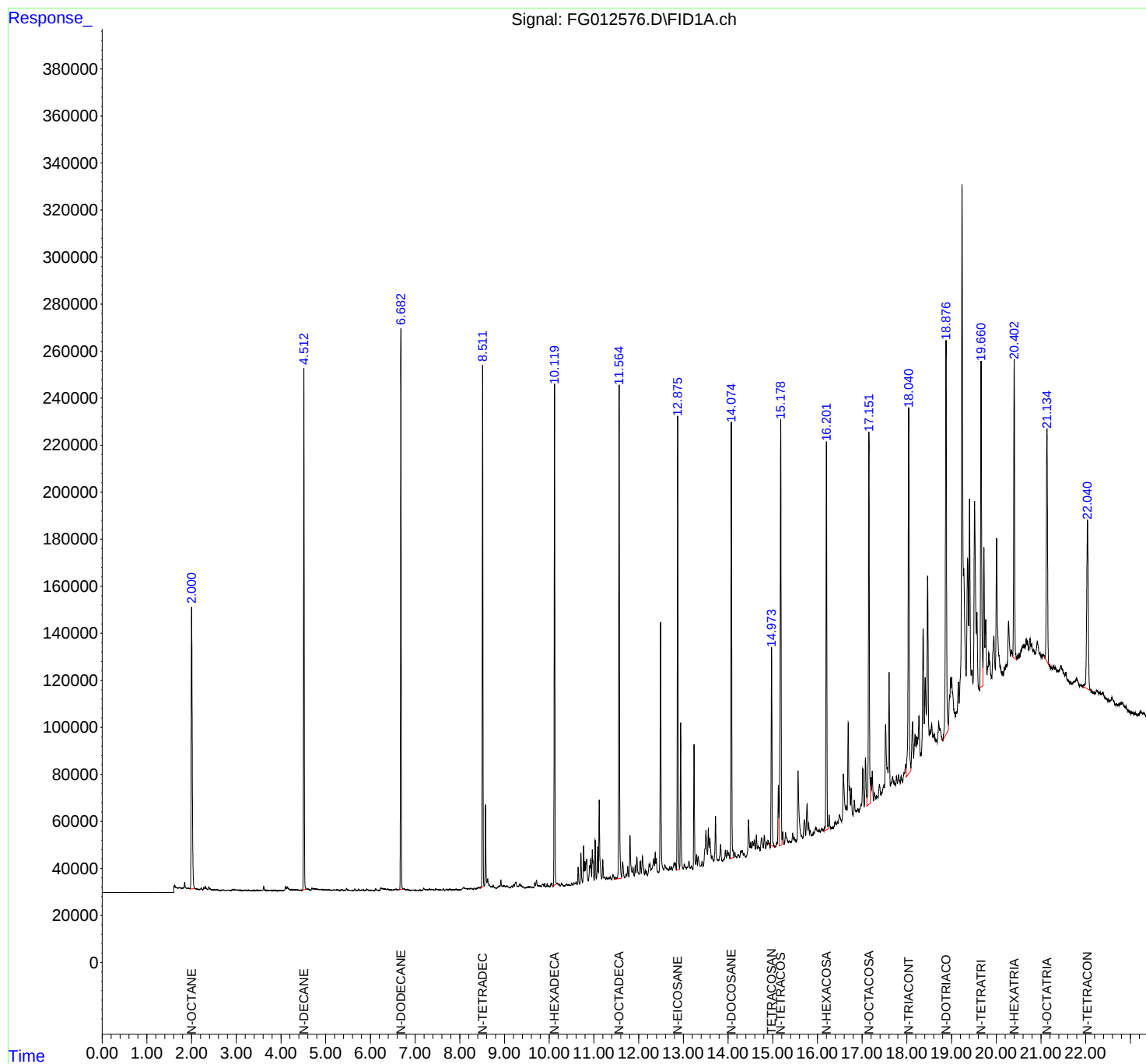
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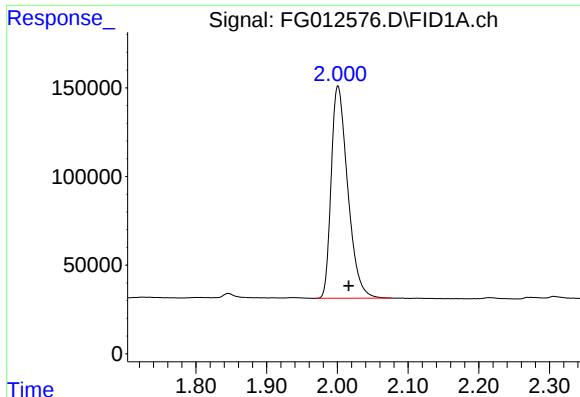
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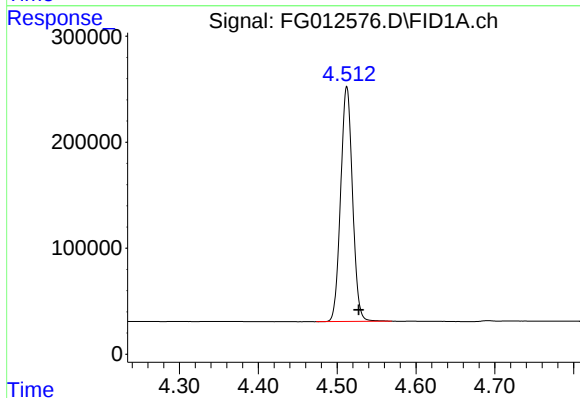
#1 N-OCTANE

R.T.: 2.000 min
Delta R.T.: -0.016 min
Response: 1944760
Conc: 16.19 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

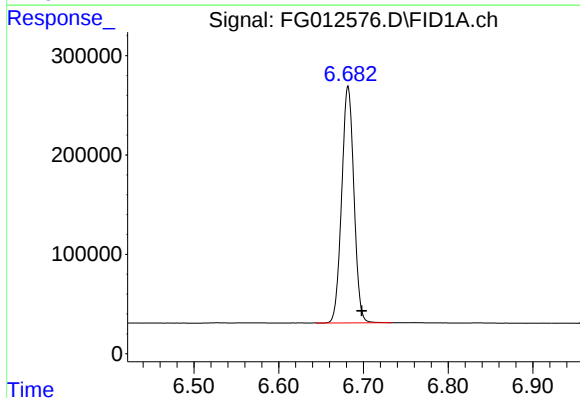
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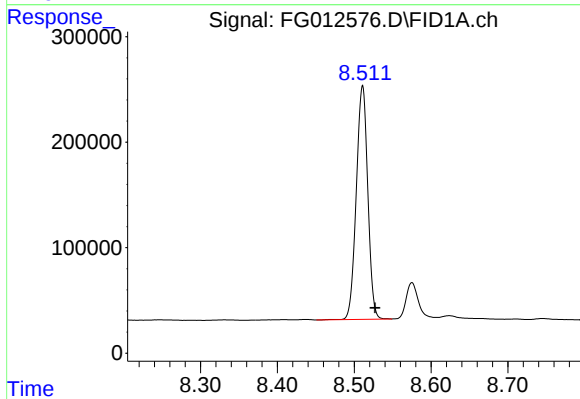
#2 N-DECANE

R.T.: 4.512 min
Delta R.T.: -0.015 min
Response: 2317906
Conc: 19.02 ug/ml



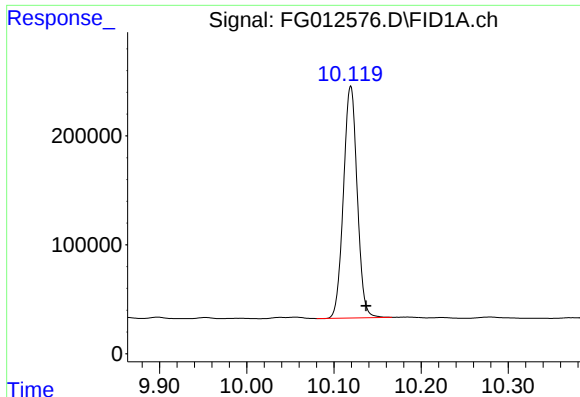
#3 N-DODECANE

R.T.: 6.682 min
Delta R.T.: -0.016 min
Response: 2389663
Conc: 19.51 ug/ml



#4 N-TETRADECANE

R.T.: 8.511 min
Delta R.T.: -0.016 min
Response: 2302106
Conc: 19.37 ug/ml



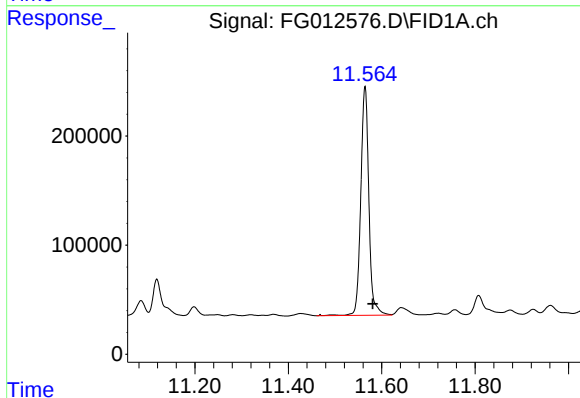
#5 N-HEXADECANE

R.T.: 10.119 min
Delta R.T.: -0.017 min
Response: 2333179
Conc: 18.61 ug/ml

Instrument :
FID_G
ClientSampleId :
WASTEMSD

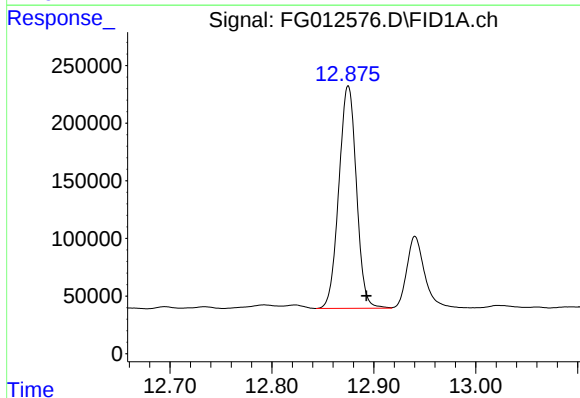
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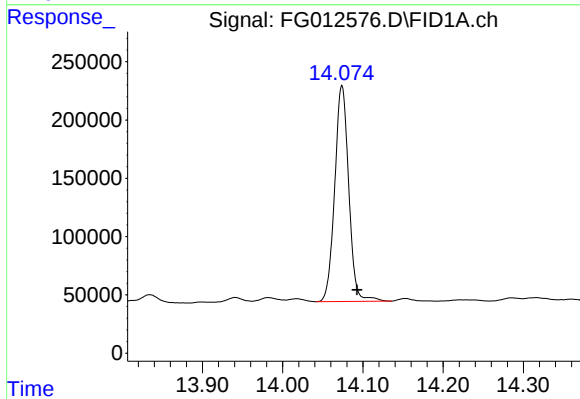
#6 N-OCTADECANE

R.T.: 11.564 min
Delta R.T.: -0.017 min
Response: 2525258
Conc: 19.66 ug/ml



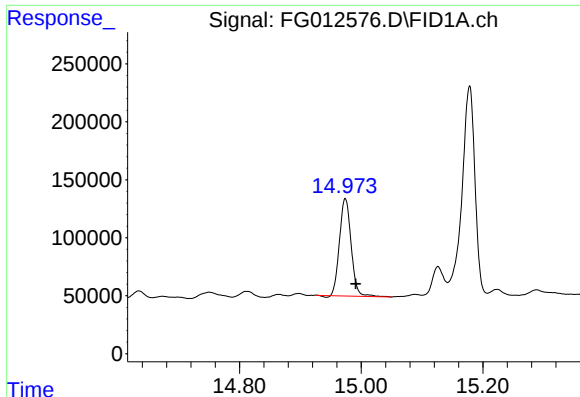
#7 N-EICOSANE

R.T.: 12.875 min
Delta R.T.: -0.018 min
Response: 2311714
Conc: 18.30 ug/ml



#8 N-DOCOSANE

R.T.: 14.074 min
Delta R.T.: -0.019 min
Response: 2251570
Conc: 18.33 ug/ml



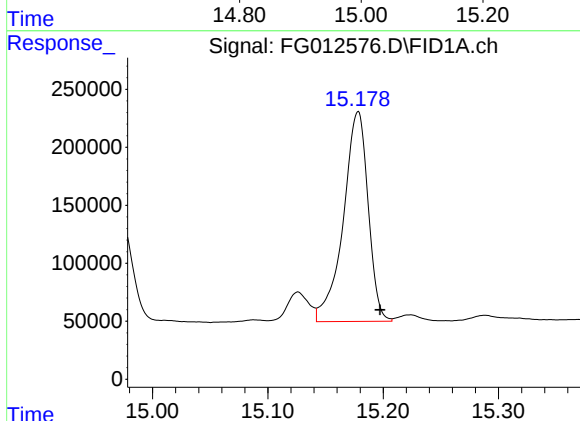
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.974 min
Delta R.T.: -0.017 min
Response: 1119080
Conc: 10.47 ug/ml

Instrument :
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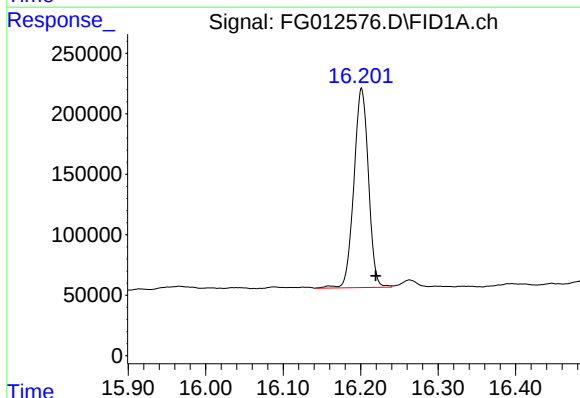
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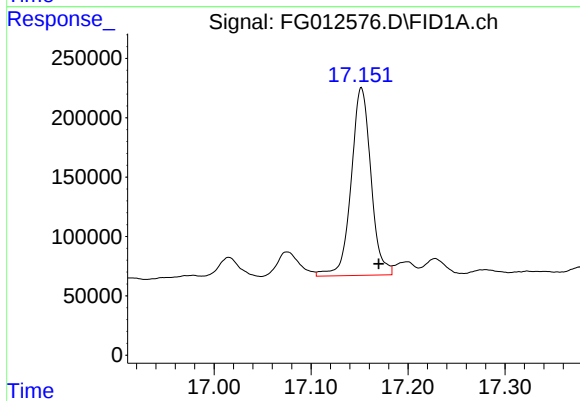
#10 N-TETRACOSANE

R.T.: 15.178 min
Delta R.T.: -0.019 min
Response: 2704299
Conc: 20.44 ug/ml



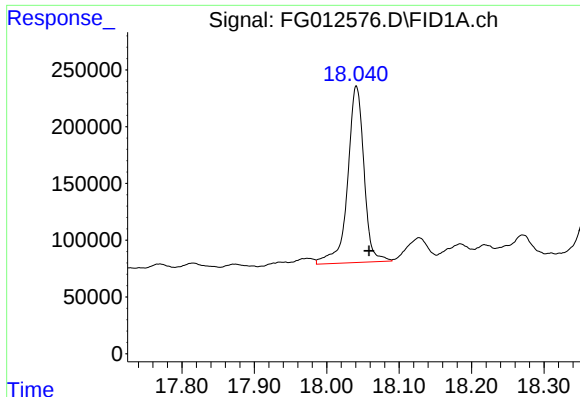
#11 N-HEXACOSANE

R.T.: 16.201 min
Delta R.T.: -0.018 min
Response: 2148546
Conc: 18.36 ug/ml



#12 N-OCTACOSANE

R.T.: 17.152 min
Delta R.T.: -0.018 min
Response: 2242031
Conc: 19.64 ug/ml



#13 N-TRIACONTANE

R.T.: 18.041 min
Delta R.T.: -0.017 min
Response: 2438091
Conc: 21.99 ug/ml

Instrument :

FID_G

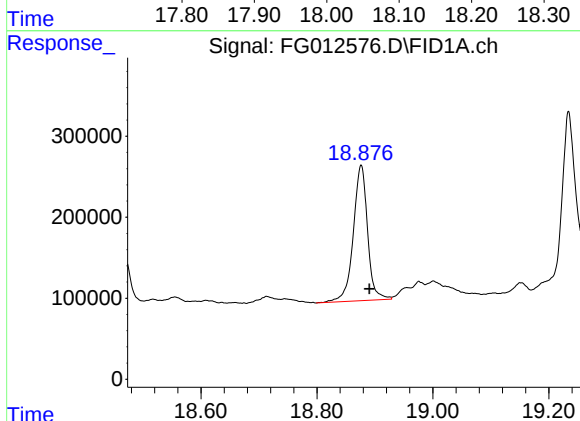
ClientSampleId :

WASTEMSD

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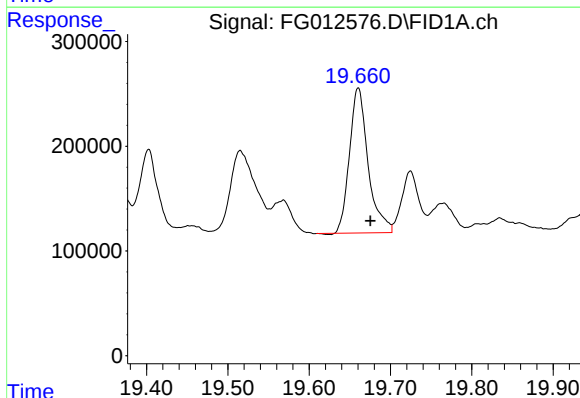
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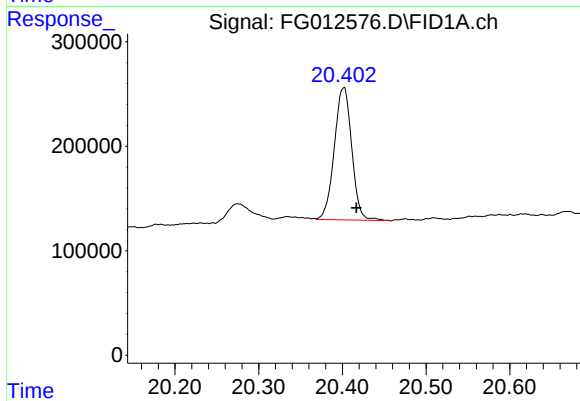
#14 N-DOTRIACONTANE

R.T.: 18.876 min
Delta R.T.: -0.014 min
Response: 2858326
Conc: 27.35 ug/ml



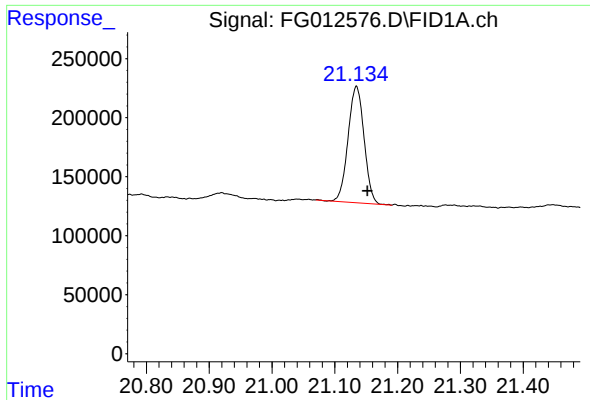
#15 N-TETRATRIACONTANE

R.T.: 19.660 min
Delta R.T.: -0.015 min
Response: 2206884
Conc: 22.41 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.402 min
Delta R.T.: -0.015 min
Response: 1836730
Conc: 19.86 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.134 min
Delta R.T.: -0.017 min
Response: 1743415
Conc: 19.55 ug/ml

Instrument :

FID_G

ClientSampleId :

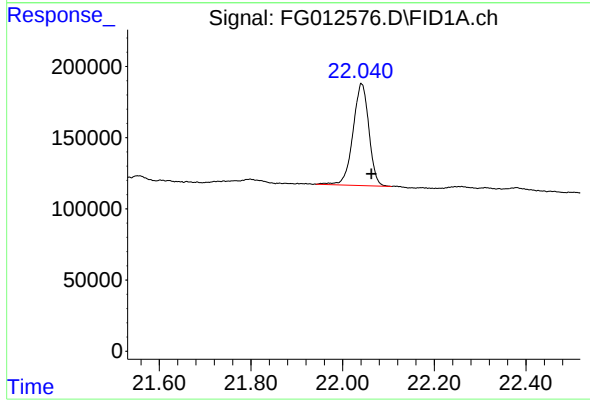
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#18 N-TETRACONTANE

R.T.: 22.041 min
Delta R.T.: -0.022 min
Response: 1728329
Conc: 19.47 ug/ml