

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122921\
 Data File : FF009597.D
 Signal(s) : FID2B.ch
 Acq On : 29 Dec 2021 15:39
 Operator : AJ\MA
 Sample : M5247-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2021
 Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e
 Quant Time: Dec 30 00:23:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Quant Title :
 QLast Update : Thu Dec 16 03:33:07 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...	14.466	1702174	14.694 ug/ml
Target Compounds			
1) N-OCTANE	2.187	2382937	17.204 ug/ml
2) N-DECANE	4.252	2778553	19.488 ug/ml
3) N-DODECANE	6.259	2804092	19.390 ug/ml
4) N-TETRADECANE	8.045	2848508	19.592 ug/ml
5) N-HEXADECANE	9.638	2558781	17.816 ug/ml
6) N-OCTADECANE	11.073	2707171	18.757 ug/ml
7) N-EICOSANE	12.377	2550906	18.000 ug/ml
8) N-DOCOSANE	13.570	2499359	18.342 ug/ml
10) N-TETRACOSANE	14.668	2456026	18.653 ug/ml
11) N-HEXACOSANE	15.683	2275227	18.204 ug/mlm
12) N-OCTACOSANE	16.630	2323565	19.513 ug/mlm
13) N-TRIACONTANE	17.514	2258259	19.715 ug/mlm
14) N-DOTRIACONTANE	18.344	2373428	21.718 ug/mlm
15) N-TETRATRIACONTANE	19.124	1984582	18.735 ug/mlm
16) N-HEXATRIACONTANE	19.859	1750596	17.477 ug/mlm
17) N-OCTATRIACONTANE	20.565	1651879	16.823 ug/mlm
18) N-TETRACONTANE	21.389	1552225	15.369 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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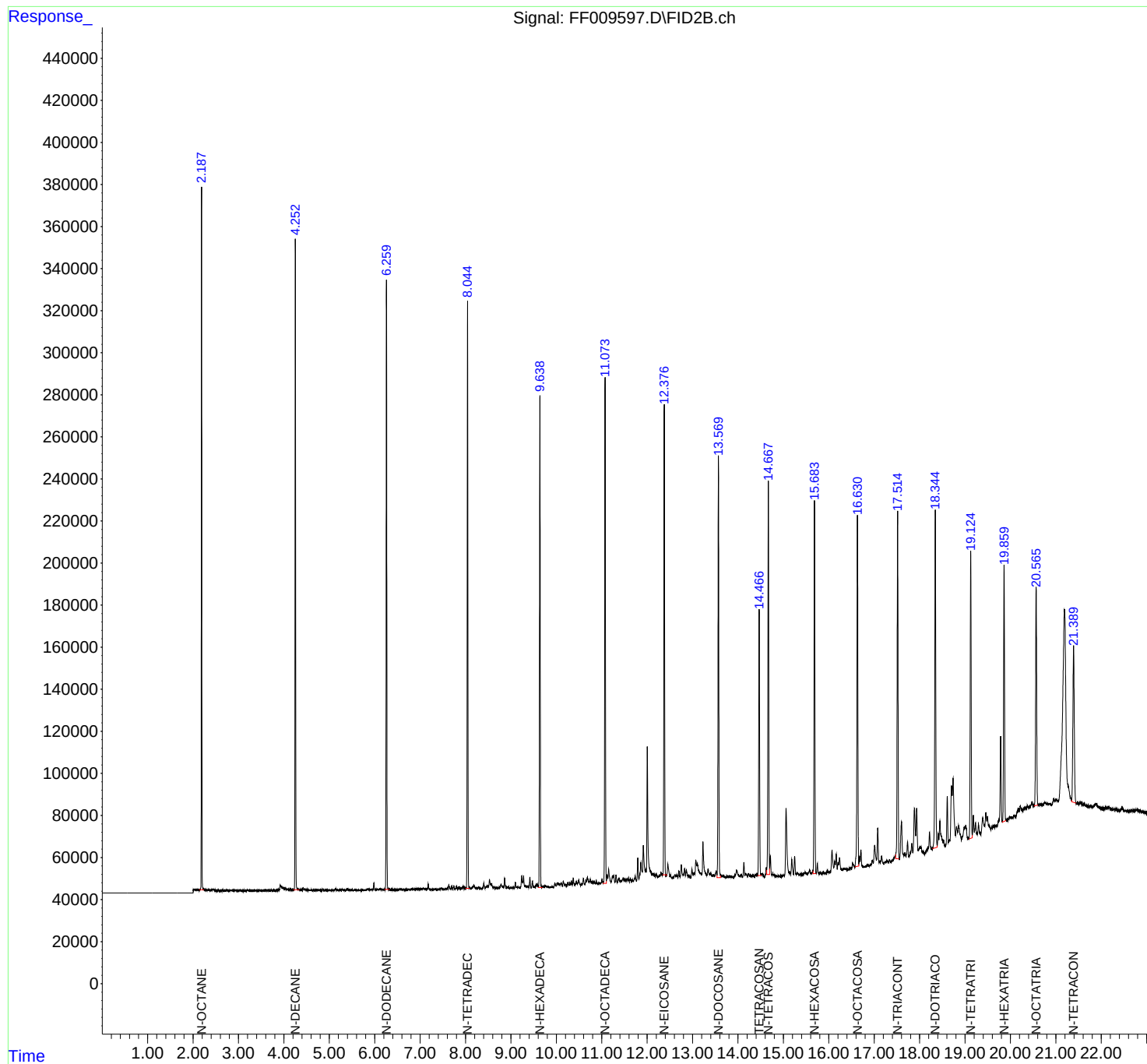
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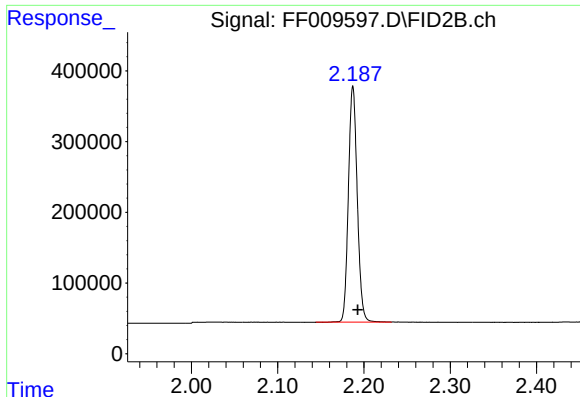
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#1 N-OCTANE

R.T.: 2.187 min
Delta R.T.: -0.006 min
Response: 2382937
Conc: 17.20 ug/ml

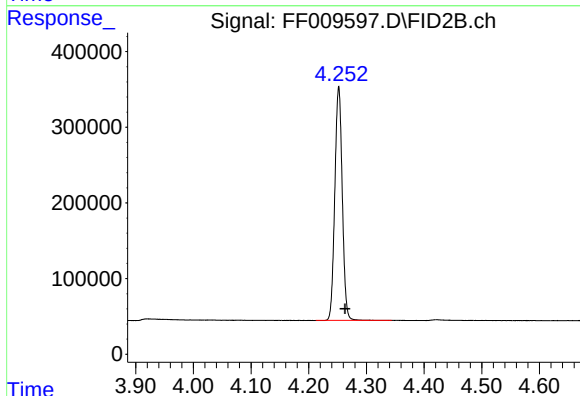
Instrument :

FID_F

ClientSampleId :
WASTEMSD

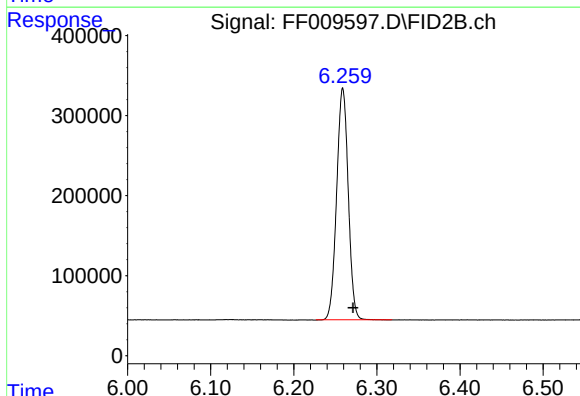
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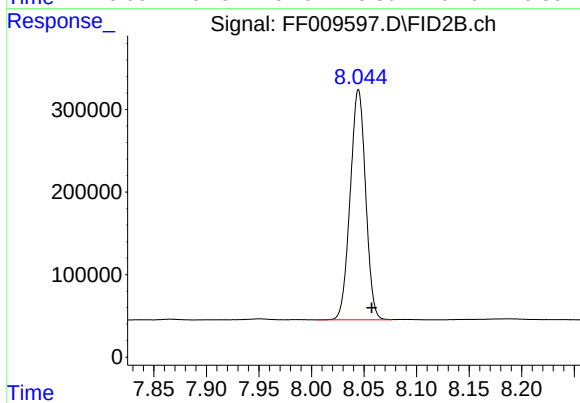
#2 N-DECANE

R.T.: 4.252 min
Delta R.T.: -0.011 min
Response: 2778553
Conc: 19.49 ug/ml



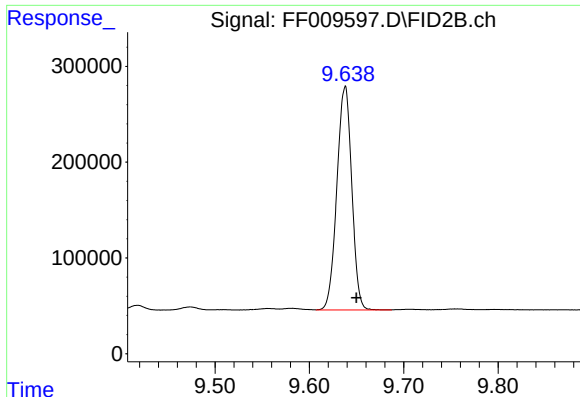
#3 N-DODECANE

R.T.: 6.259 min
Delta R.T.: -0.012 min
Response: 2804092
Conc: 19.39 ug/ml



#4 N-TETRADECANE

R.T.: 8.045 min
Delta R.T.: -0.012 min
Response: 2848508
Conc: 19.59 ug/ml



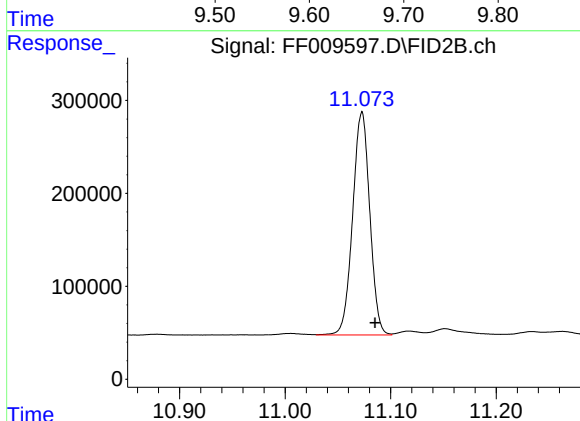
#5 N-HEXADECANE

R.T.: 9.638 min
Delta R.T.: -0.011 min
Response: 2558781
Conc: 17.82 ug/ml

Instrument :
FID_F
ClientSampleId :
WASTEMSD

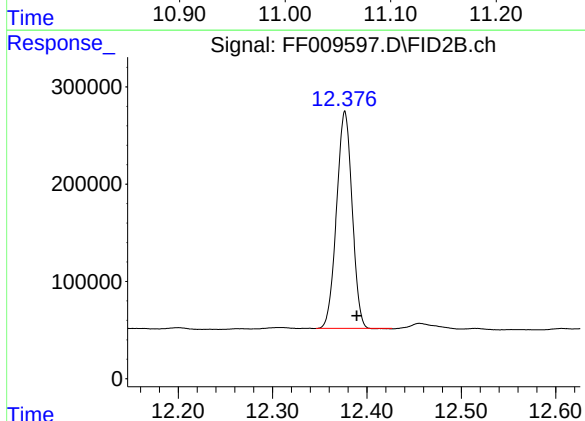
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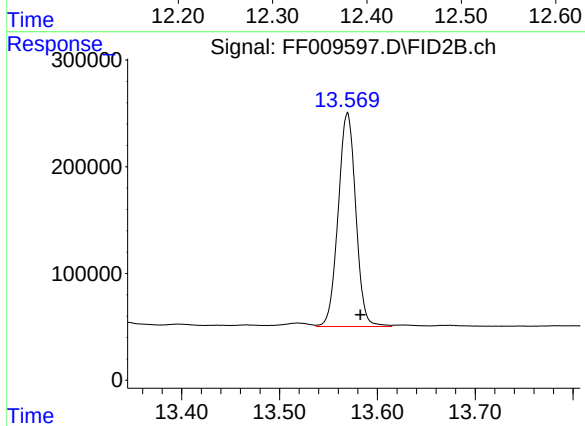
#6 N-OCTADECANE

R.T.: 11.073 min
Delta R.T.: -0.012 min
Response: 2707171
Conc: 18.76 ug/ml



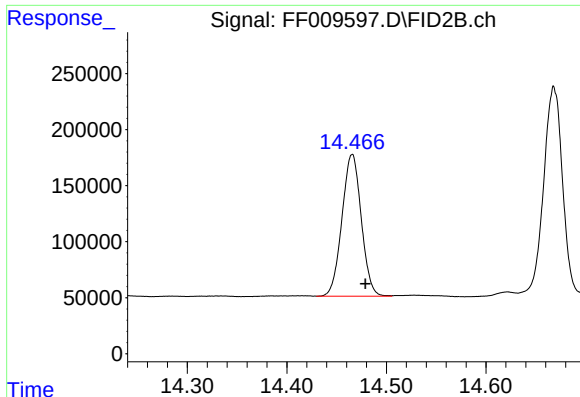
#7 N-EICOSANE

R.T.: 12.377 min
Delta R.T.: -0.013 min
Response: 2550906
Conc: 18.00 ug/ml



#8 N-DOCOSANE

R.T.: 13.570 min
Delta R.T.: -0.013 min
Response: 2499359
Conc: 18.34 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.466 min
Delta R.T.: -0.013 min
Response: 1702174
Conc: 14.69 ug/ml

Instrument :

FID_F

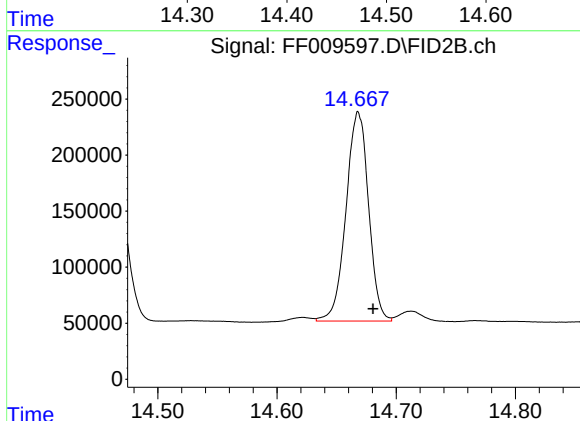
ClientSampleId :

WASTEMSD

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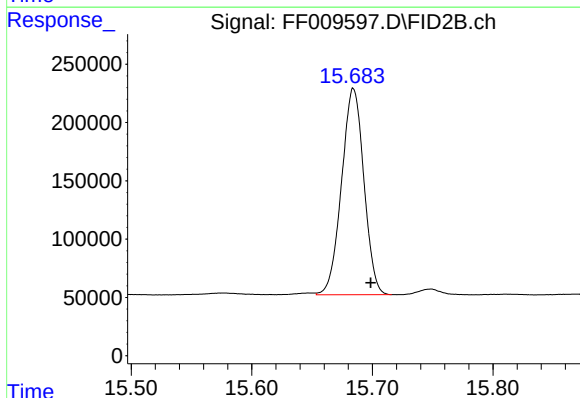
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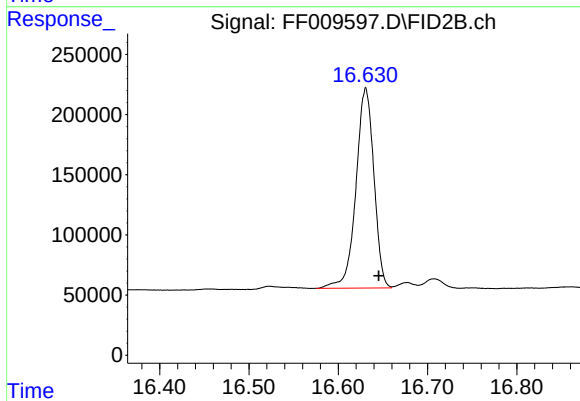
#10 N-TETRACOSANE

R.T.: 14.668 min
Delta R.T.: -0.013 min
Response: 2456026
Conc: 18.65 ug/ml



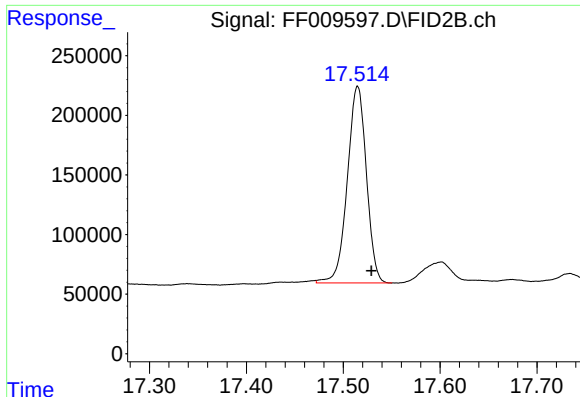
#11 N-HEXACOSANE

R.T.: 15.683 min
Delta R.T.: -0.015 min
Response: 2275227
Conc: 18.20 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.630 min
Delta R.T.: -0.015 min
Response: 2323565
Conc: 19.51 ug/ml m



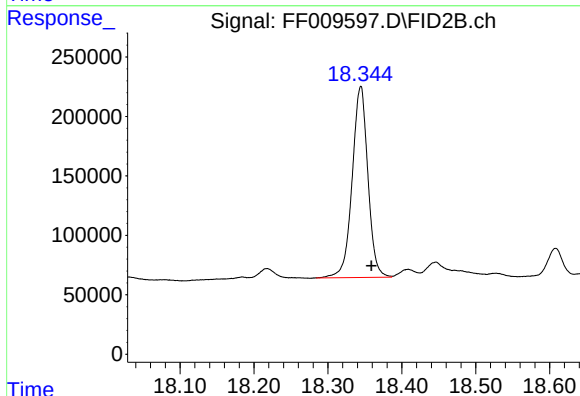
#13 N-TRIACONTANE

R.T.: 17.514 min
Delta R.T.: -0.015 min
Response: 2258259
Conc: 19.71 ug/ml

Instrument :
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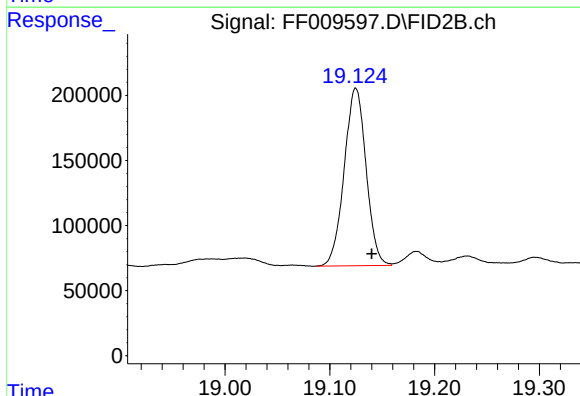
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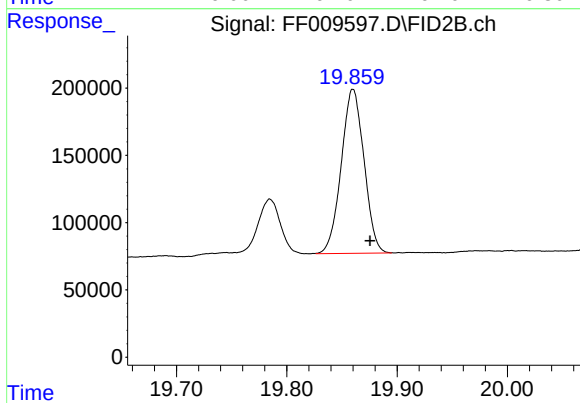
#14 N-DOTRIACONTANE

R.T.: 18.344 min
Delta R.T.: -0.015 min
Response: 2373428
Conc: 21.72 ug/ml m



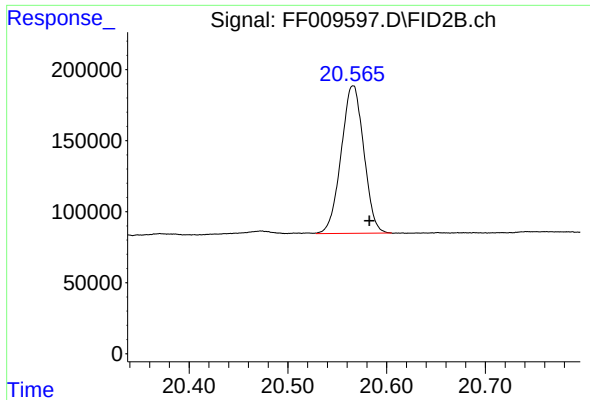
#15 N-TETRATRIACONTANE

R.T.: 19.124 min
Delta R.T.: -0.016 min
Response: 1984582
Conc: 18.74 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.859 min
Delta R.T.: -0.016 min
Response: 1750596
Conc: 17.48 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.565 min
Delta R.T.: -0.017 min
Response: 1651879
Conc: 16.82 ug/ml

Instrument :

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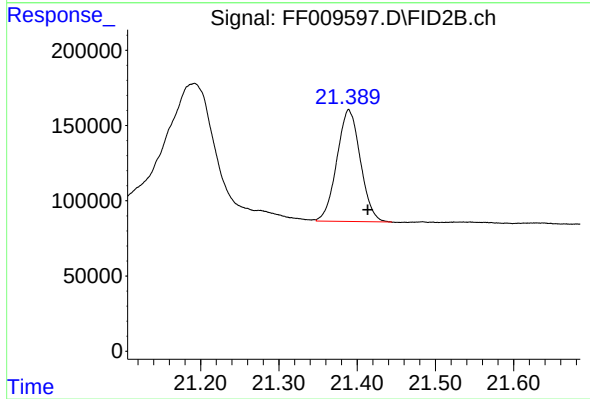
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#18 N-TETRACONTANE

R.T.: 21.389 min
Delta R.T.: -0.025 min
Response: 1552225
Conc: 15.37 ug/ml m