

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012622\
 Data File : FF009793.D
 Signal(s) : FID2B.ch
 Acq On : 26 Jan 2022 16:21
 Operator : AJ\MA
 Sample : N1254-02MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SP25-04-20220124-18.5-19.0MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :Ankita Jodhani 01/28/2022

Integration File: autoint1.e
 Quant Time: Jan 27 00:13:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011722.M
 Quant Title :
 QLast Update : Tue Jan 18 02:53:40 2022
 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...	14.436	2179337	16.677 ug/mlm
Target Compounds			
1) N-OCTANE	2.168	1125839	8.144 ug/ml
2) N-DECANE	4.228	2032074	14.368 ug/ml
3) N-DODECANE	6.233	2233537	15.608 ug/ml
4) N-TETRADECANE	8.018	2447890	16.658 ug/ml
5) N-HEXADECANE	9.610	2404254	16.072 ug/ml
6) N-OCTADECANE	11.045	2547608	16.525 ug/ml
7) N-EICOSANE	12.349	2474044	16.367 ug/mlm
8) N-DOCOSANE	13.541	2430355	16.342 ug/mlm
10) N-TETRACOSANE	14.640	2752582	18.561 ug/mlm
11) N-HEXACOSANE	15.657	2149090	14.699 ug/mlm
12) N-OCTACOSANE	16.603	2092095	14.412 ug/mlm
13) N-TRIACONTANE	17.488	2111569	14.757 ug/mlm
14) N-DOTRIACONTANE	18.315	2628768	19.318 ug/mlm
15) N-TETRATRIACONTANE	19.096	2255233	18.988 ug/mlm
16) N-HEXATRIACONTANE	19.832	2124337	20.604 ug/mlm
17) N-OCTATRIACONTANE	20.537	2099110	23.540 ug/mlm
18) N-TETRACONTANE	21.352	2258722	24.866 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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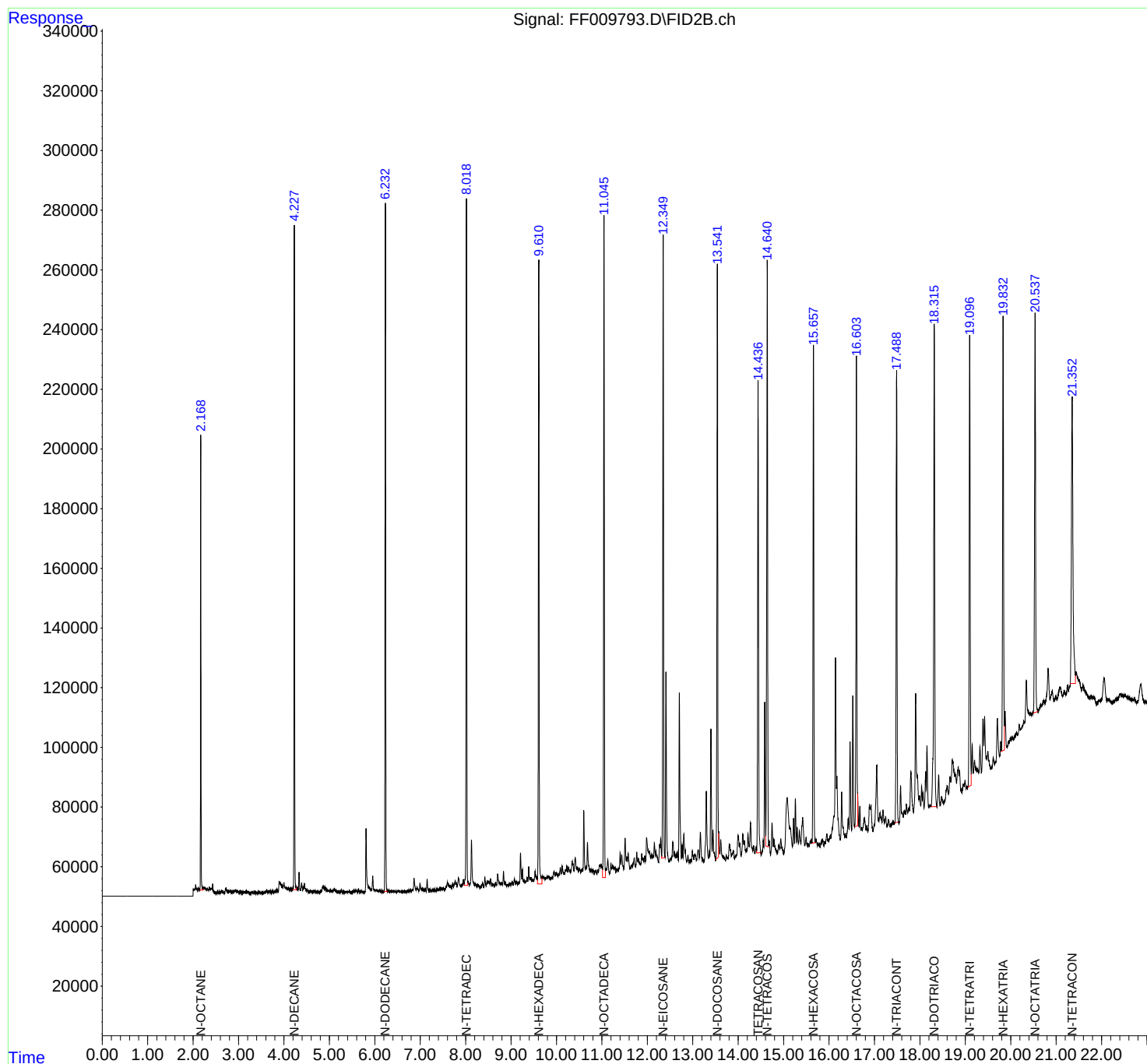
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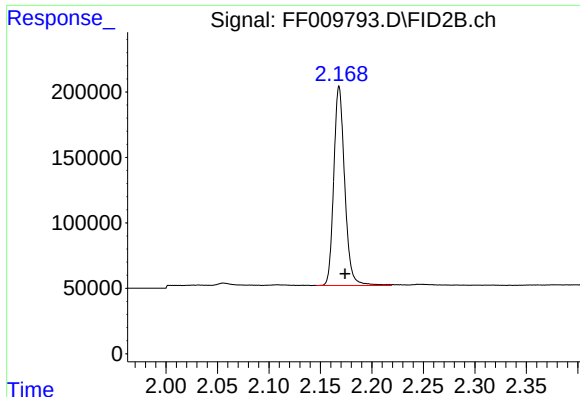
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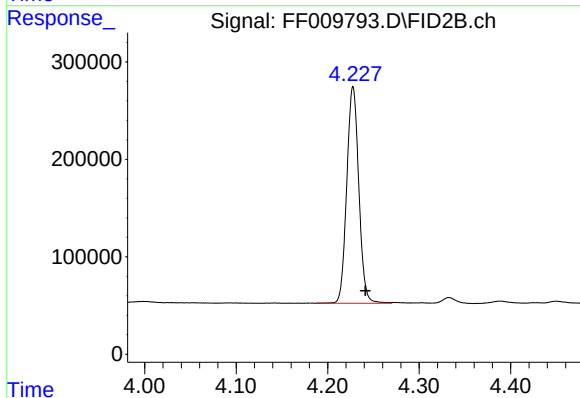
#1 N-OCTANE

R.T.: 2.168 min
Delta R.T.: -0.006 min
Response: 1125839
Conc: 8.14 ug/ml

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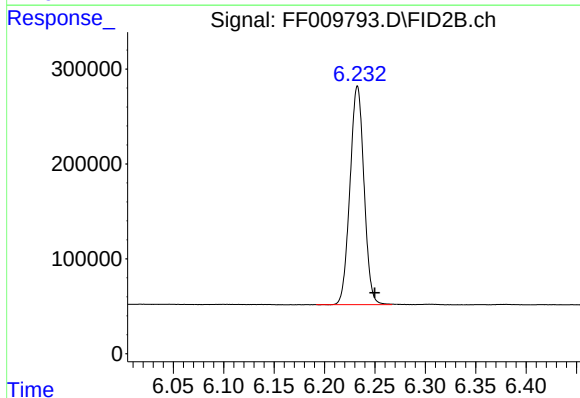
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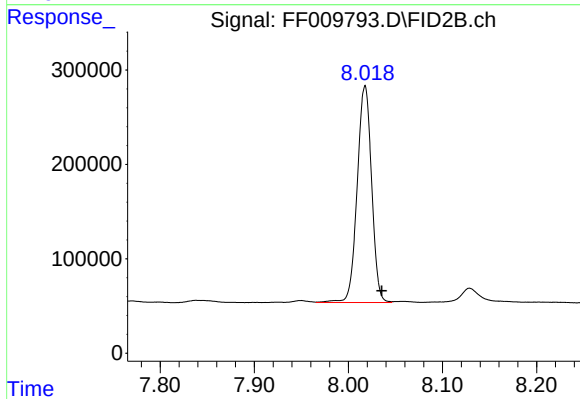
#2 N-DECANE

R.T.: 4.228 min
Delta R.T.: -0.013 min
Response: 2032074
Conc: 14.37 ug/ml



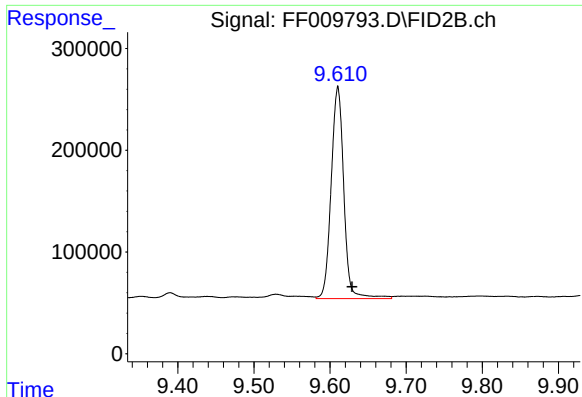
#3 N-DODECANE

R.T.: 6.233 min
Delta R.T.: -0.017 min
Response: 2233537
Conc: 15.61 ug/ml



#4 N-TETRADECANE

R.T.: 8.018 min
Delta R.T.: -0.017 min
Response: 2447890
Conc: 16.66 ug/ml



#5 N-HEXADECANE

R.T.: 9.610 min
Delta R.T.: -0.018 min
Response: 2404254
Conc: 16.07 ug/ml

Instrument :

FID_F

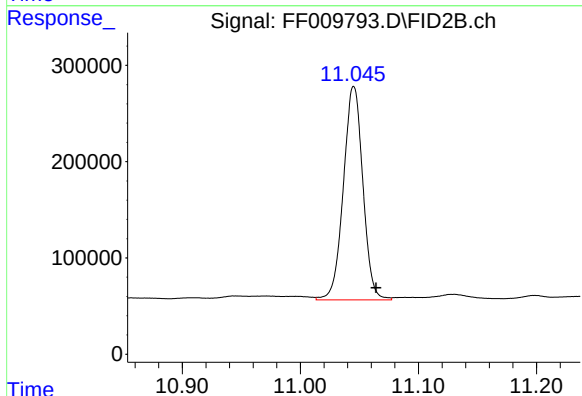
ClientSampleId :

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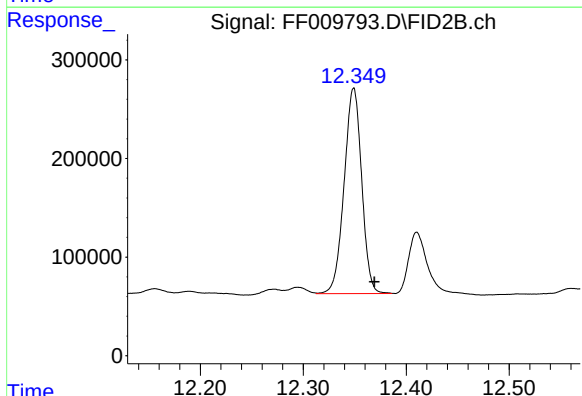
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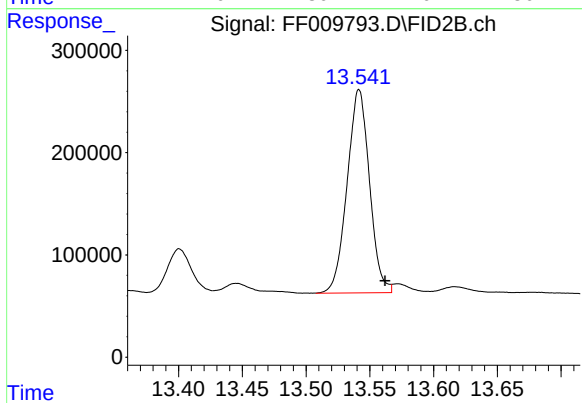
#6 N-OCTADECANE

R.T.: 11.045 min
Delta R.T.: -0.019 min
Response: 2547608
Conc: 16.52 ug/ml



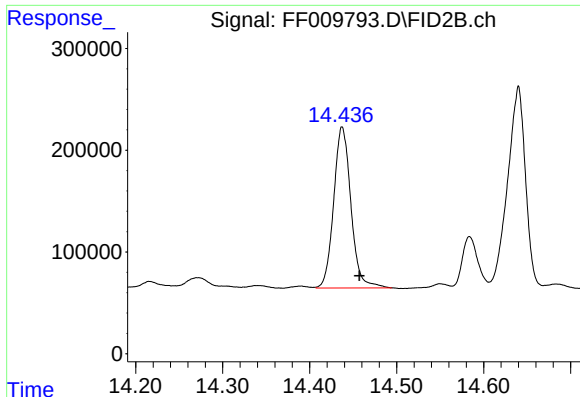
#7 N-EICOSANE

R.T.: 12.349 min
Delta R.T.: -0.020 min
Response: 2474044
Conc: 16.37 ug/ml m



#8 N-DOCOSANE

R.T.: 13.541 min
Delta R.T.: -0.021 min
Response: 2430355
Conc: 16.34 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.436 min
Delta R.T.: -0.021 min
Response: 2179337
Conc: 16.68 ug/ml

Instrument :

FID_F

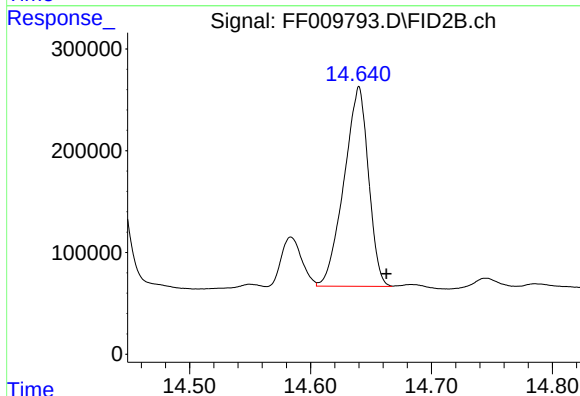
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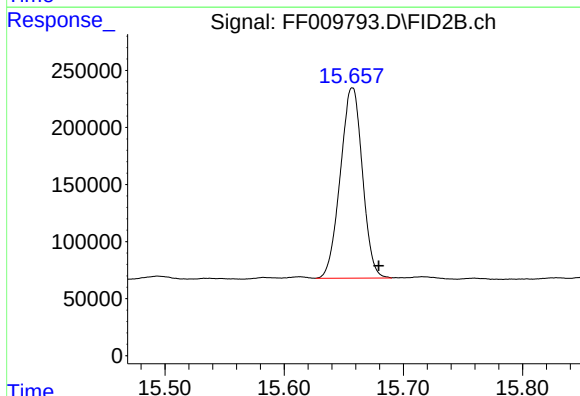
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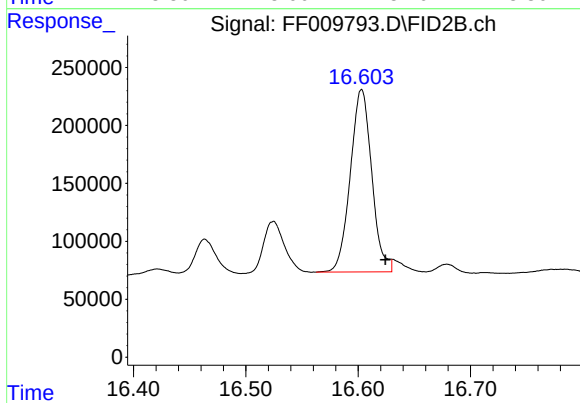
#10 N-TETRACOSANE

R.T.: 14.640 min
Delta R.T.: -0.023 min
Response: 2752582
Conc: 18.56 ug/ml m



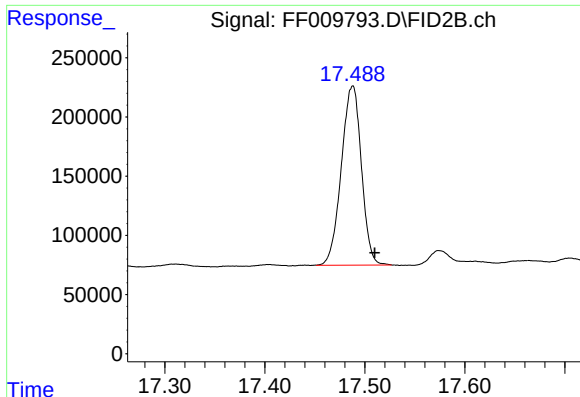
#11 N-HEXACOSANE

R.T.: 15.657 min
Delta R.T.: -0.023 min
Response: 2149090
Conc: 14.70 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.603 min
Delta R.T.: -0.021 min
Response: 2092095
Conc: 14.41 ug/ml m



#13 N-TRIACONTANE

R.T.: 17.488 min
Delta R.T.: -0.022 min
Response: 2111569
Conc: 14.76 ug/ml

Instrument :

FID_F

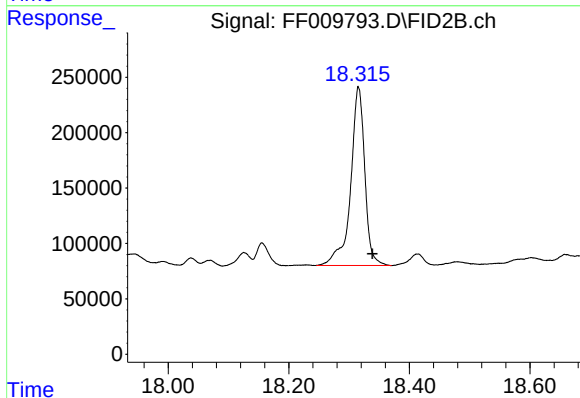
ClientSampleId :

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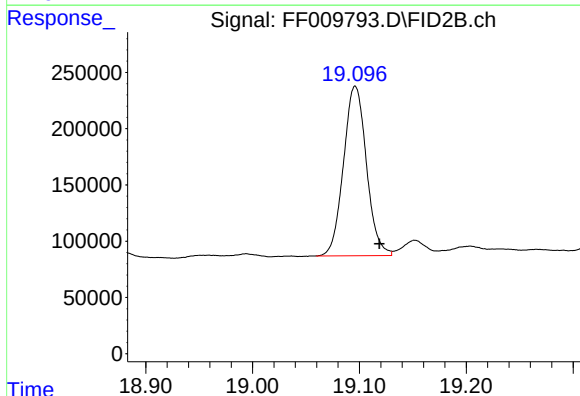
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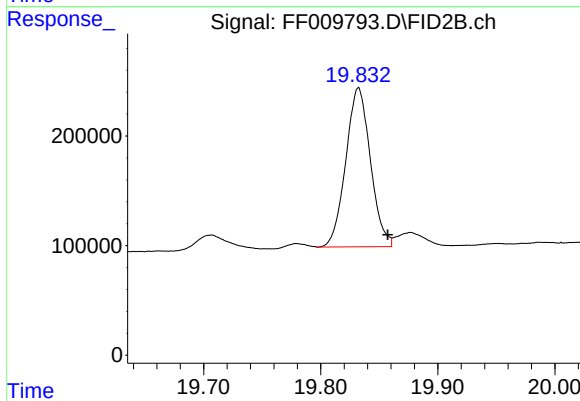
#14 N-DOTRIACONTANE

R.T.: 18.315 min
Delta R.T.: -0.024 min
Response: 2628768
Conc: 19.32 ug/ml m



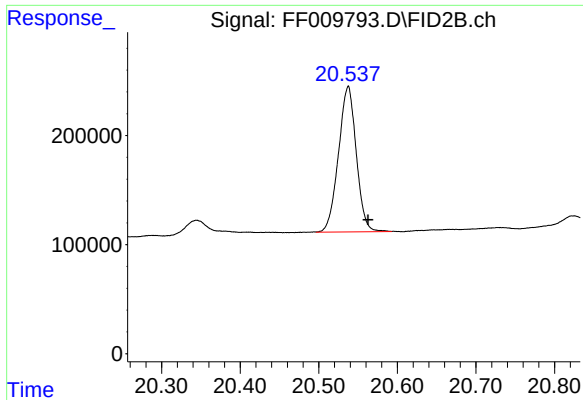
#15 N-TETRATRIACONTANE

R.T.: 19.096 min
Delta R.T.: -0.023 min
Response: 2255233
Conc: 18.99 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.832 min
Delta R.T.: -0.025 min
Response: 2124337
Conc: 20.60 ug/ml m



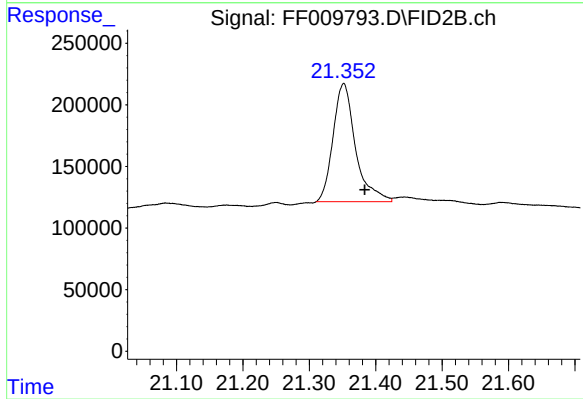
#17 N-OCTATRIACONTANE

R.T.: 20.537 min
Delta R.T.: -0.025 min
Response: 2099110
Conc: 23.54 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.352 min
Delta R.T.: -0.031 min
Response: 2258722
Conc: 24.87 ug/ml