

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020422\
 Data File : FF009887.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2022 03:16
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/07/2022
 Supervised By :Ankita Jodhani 02/07/2022

Integration File: Sample.e
 Quant Time: Feb 05 03:58:14 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...	14.426	6233965	47.705 ug/mlm
Target Compounds			
1) N-OCTANE	2.154	7369899	53.312 ug/ml
2) N-DECANE	4.217	7999097	56.559 ug/ml
3) N-DODECANE	6.223	7990574	55.839 ug/ml
4) N-TETRADECANE	8.007	8009418	54.505 ug/ml
5) N-HEXADECANE	9.600	7910304	52.879 ug/ml
6) N-OCTADECANE	11.035	7958874	51.625 ug/ml
7) N-EICOSANE	12.337	7509961	49.682 ug/mlm
8) N-DOCOSANE	13.530	7279068	48.945 ug/ml
10) N-TETRACOSANE	14.629	7031734	47.416 ug/ml
11) N-HEXACOSANE	15.644	6933969	47.425 ug/ml
12) N-OCTACOSANE	16.591	6790411	46.777 ug/ml
13) N-TRIACONTANE	17.475	6868743	48.005 ug/ml
14) N-DOTRIACONTANE	18.304	6971465	51.230 ug/ml
15) N-TETRATRIACONTANE	19.083	6449950	54.305 ug/mlm
16) N-HEXATRIACONTANE	19.819	6065738	58.832 ug/mlm
17) N-OCTATRIACONTANE	20.521	5252477	58.902 ug/mlm
18) N-TETRACONTANE	21.334	5212951	57.388 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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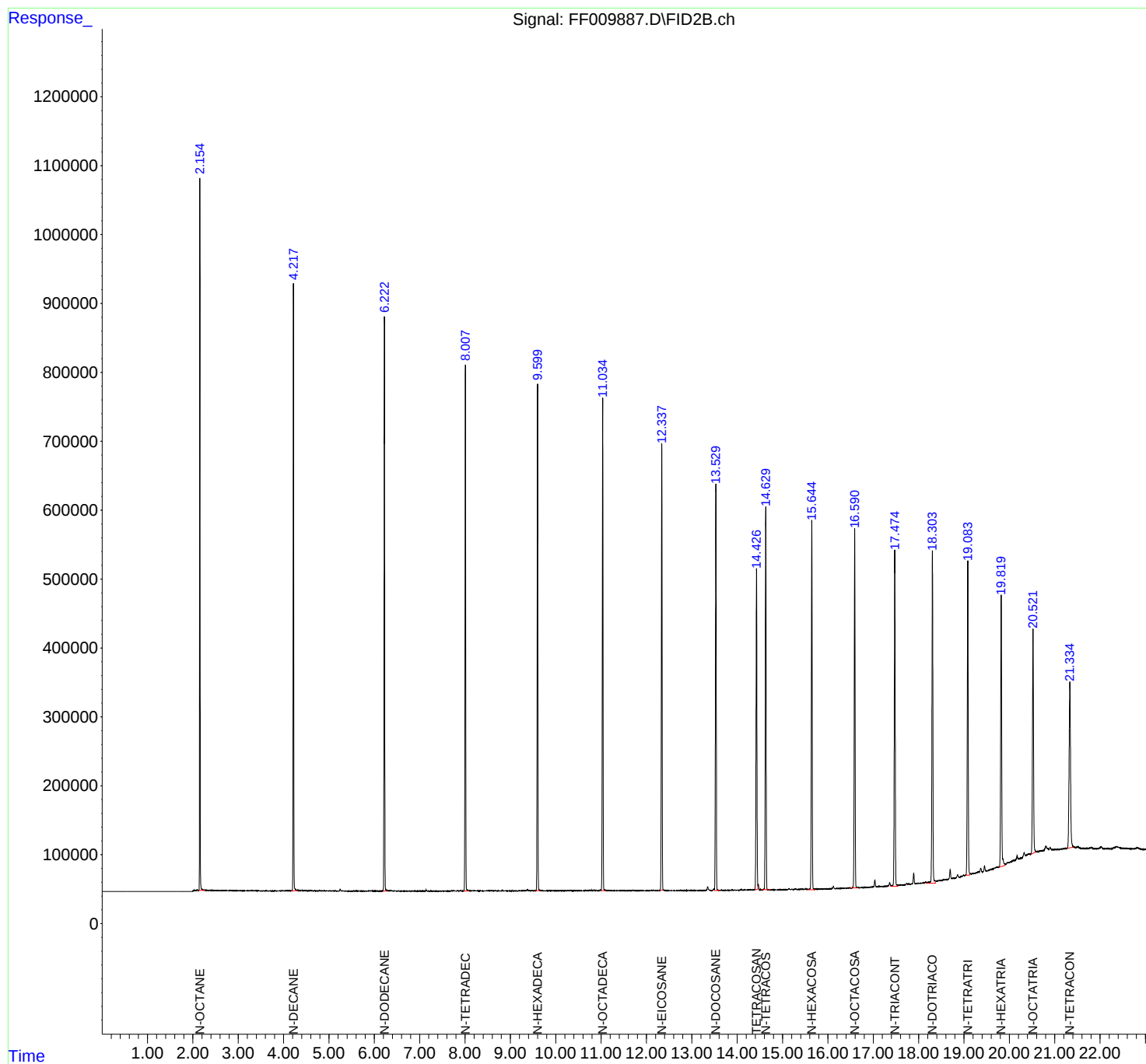
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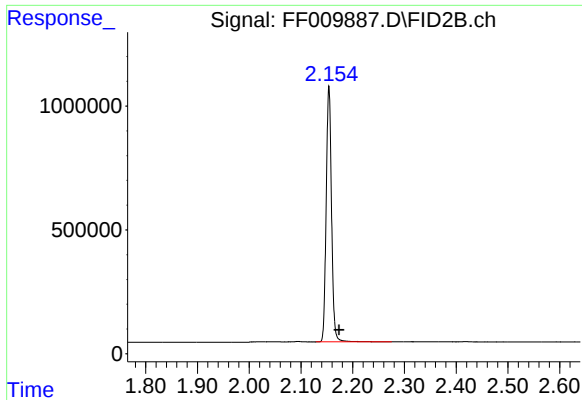
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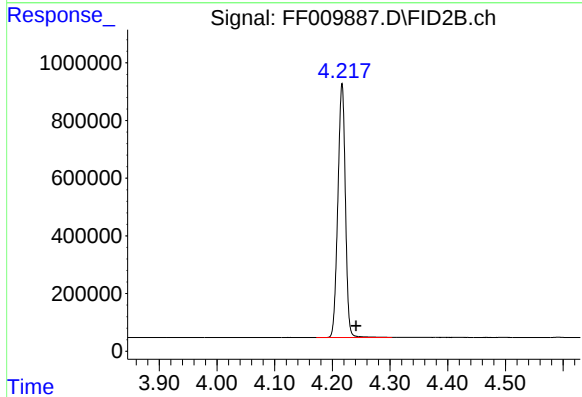
#1 N-OCTANE

R.T.: 2.154 min
Delta R.T.: -0.020 min
Response: 7369899
Conc: 53.31 ug/ml

Instrument :
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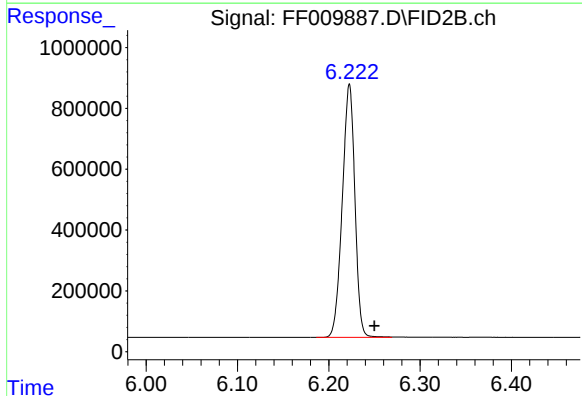
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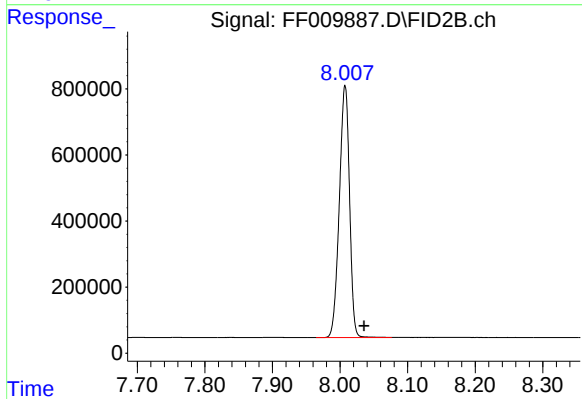
#2 N-DECANE

R.T.: 4.217 min
Delta R.T.: -0.024 min
Response: 7999097
Conc: 56.56 ug/ml



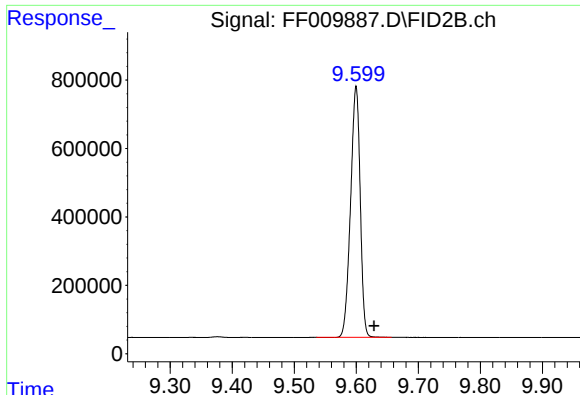
#3 N-DODECANE

R.T.: 6.223 min
Delta R.T.: -0.027 min
Response: 7990574
Conc: 55.84 ug/ml



#4 N-TETRADECANE

R.T.: 8.007 min
Delta R.T.: -0.028 min
Response: 8009418
Conc: 54.51 ug/ml



#5 N-HEXADECANE

R.T.: 9.600 min
Delta R.T.: -0.029 min
Response: 7910304
Conc: 52.88 ug/ml

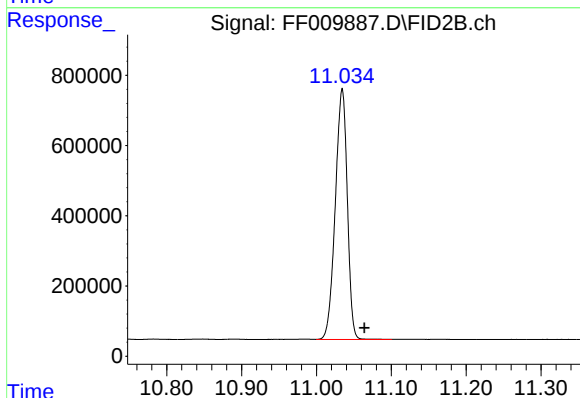
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

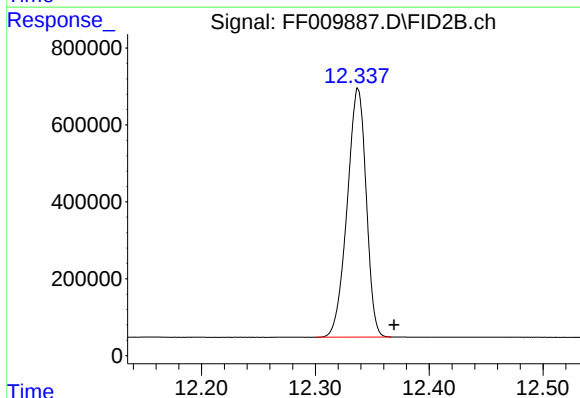
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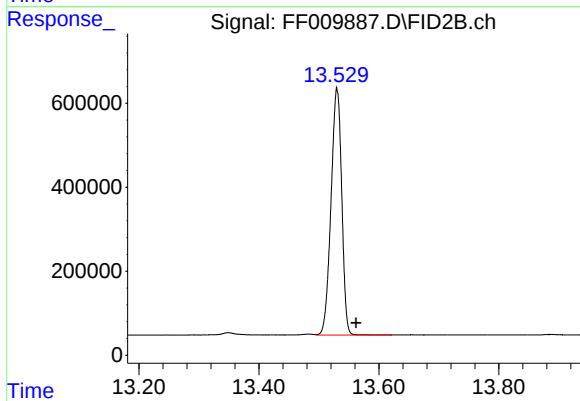
#6 N-OCTADECANE

R.T.: 11.035 min
Delta R.T.: -0.030 min
Response: 7958874
Conc: 51.62 ug/ml



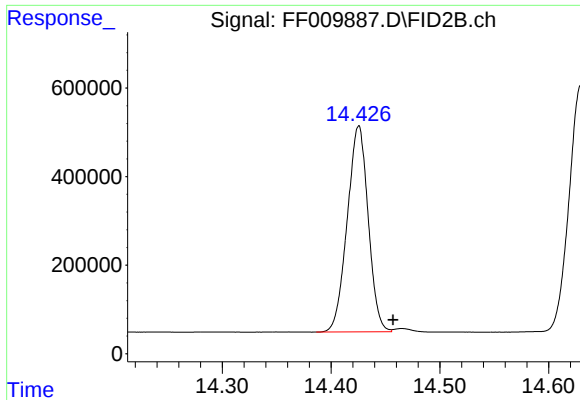
#7 N-EICOSANE

R.T.: 12.337 min
Delta R.T.: -0.032 min
Response: 7509961
Conc: 49.68 ug/ml m



#8 N-DOCOSANE

R.T.: 13.530 min
Delta R.T.: -0.032 min
Response: 7279068
Conc: 48.95 ug/ml



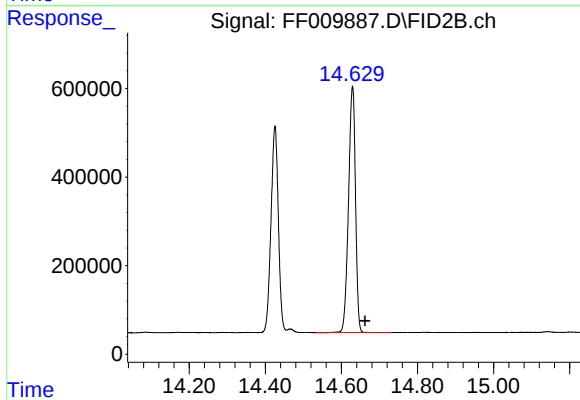
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.426 min
Delta R.T.: -0.032 min
Response: 6233965
Conc: 47.70 ug/ml

Instrument :
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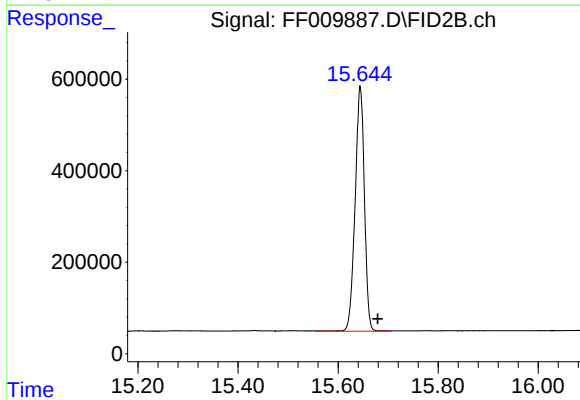
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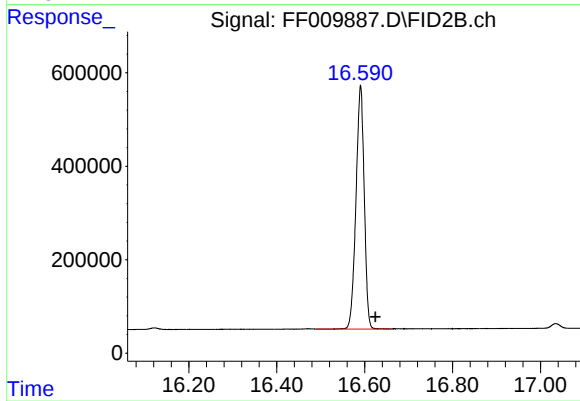
#10 N-TETRACOSANE

R.T.: 14.629 min
Delta R.T.: -0.033 min
Response: 7031734
Conc: 47.42 ug/ml



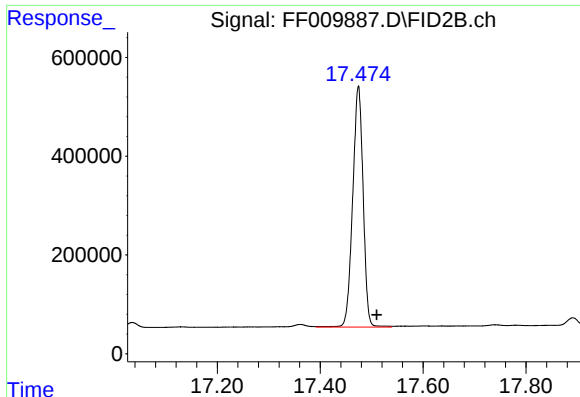
#11 N-HEXACOSANE

R.T.: 15.644 min
Delta R.T.: -0.035 min
Response: 6933969
Conc: 47.43 ug/ml



#12 N-OCTACOSANE

R.T.: 16.591 min
Delta R.T.: -0.034 min
Response: 6790411
Conc: 46.78 ug/ml



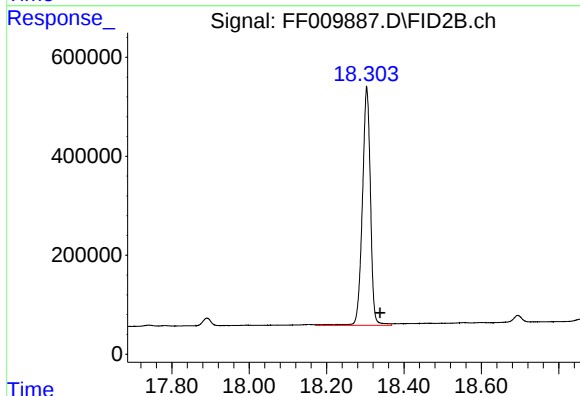
#13 N-TRIACONTANE

R.T.: 17.475 min
Delta R.T.: -0.035 min
Response: 6868743
Conc: 48.00 ug/ml

Instrument :
FID_F
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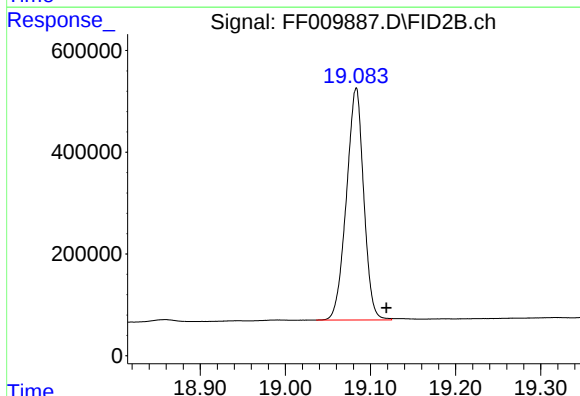
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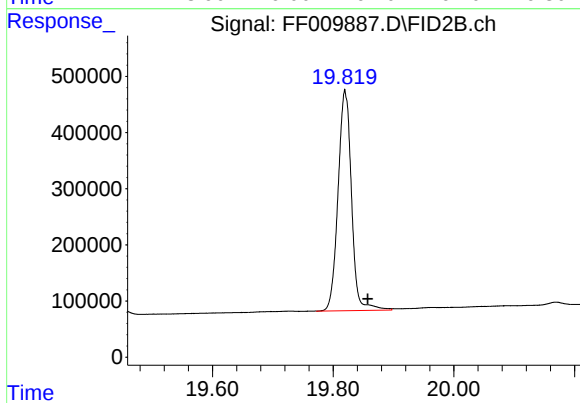
#14 N-DOTRIACONTANE

R.T.: 18.304 min
Delta R.T.: -0.035 min
Response: 6971465
Conc: 51.23 ug/ml



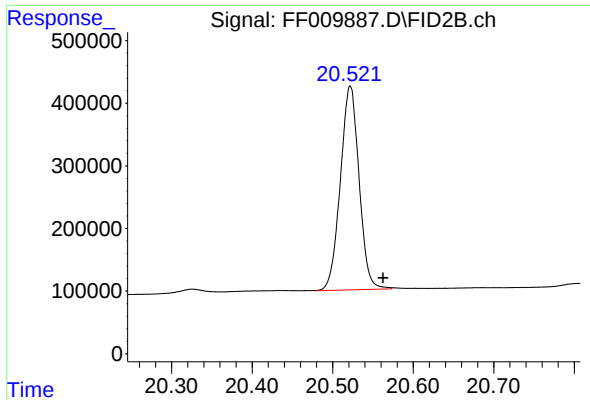
#15 N-TETRATRIACONTANE

R.T.: 19.083 min
Delta R.T.: -0.035 min
Response: 6449950
Conc: 54.30 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 19.819 min
Delta R.T.: -0.038 min
Response: 6065738
Conc: 58.83 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.521 min
Delta R.T.: -0.042 min
Response: 5252477
Conc: 58.90 ug/ml

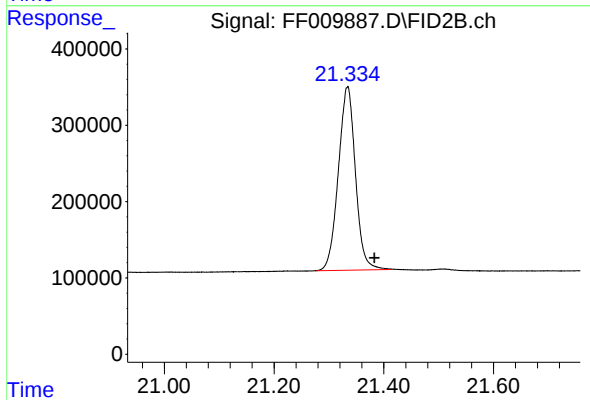
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#18 N-TETRACONTANE

R.T.: 21.334 min
Delta R.T.: -0.049 min
Response: 5212951
Conc: 57.39 ug/ml m