

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF073124\
 Data File : FF014342.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 21:15
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 02:23:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:21 2024
 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...	14.918	6009166	48.179 ug/ml
Target Compounds			
1) N-OCTANE	1.955	6672349	52.918 ug/ml
2) N-DECANE	4.469	7188799	55.471 ug/ml
3) N-DODECANE	6.635	7290953	54.815 ug/ml
4) N-TETRADECANE	8.462	7318527	56.265 ug/ml
5) N-HEXADECANE	10.069	7297479	56.225 ug/ml
6) N-OCTADECANE	11.511	7355892	53.517 ug/ml
7) N-EICOSANE	12.821	7297782	53.537 ug/ml
8) N-DOCOSANE	14.019	6924327	51.563 ug/ml
10) N-TETRACOSANE	15.122	6730020	50.594 ug/ml
11) N-HEXACOSANE	16.143	6507393	50.636 ug/ml
12) N-OCTACOSANE	17.095	6307450	50.226 ug/ml
13) N-TRIACONTANE	17.981	6271897	51.399 ug/ml
14) N-DOTRIACONTANE	18.813	5870760	50.042 ug/ml
15) N-TETRATRIACONTANE	19.596	5067194	53.218 ug/ml
16) N-HEXATRIACONTANE	20.334	3768666	50.641 ug/ml
17) N-OCTATRIACONTANE	21.056	2365980	35.064 ug/ml
18) N-TETRACONTANE	21.935	1073829	17.073 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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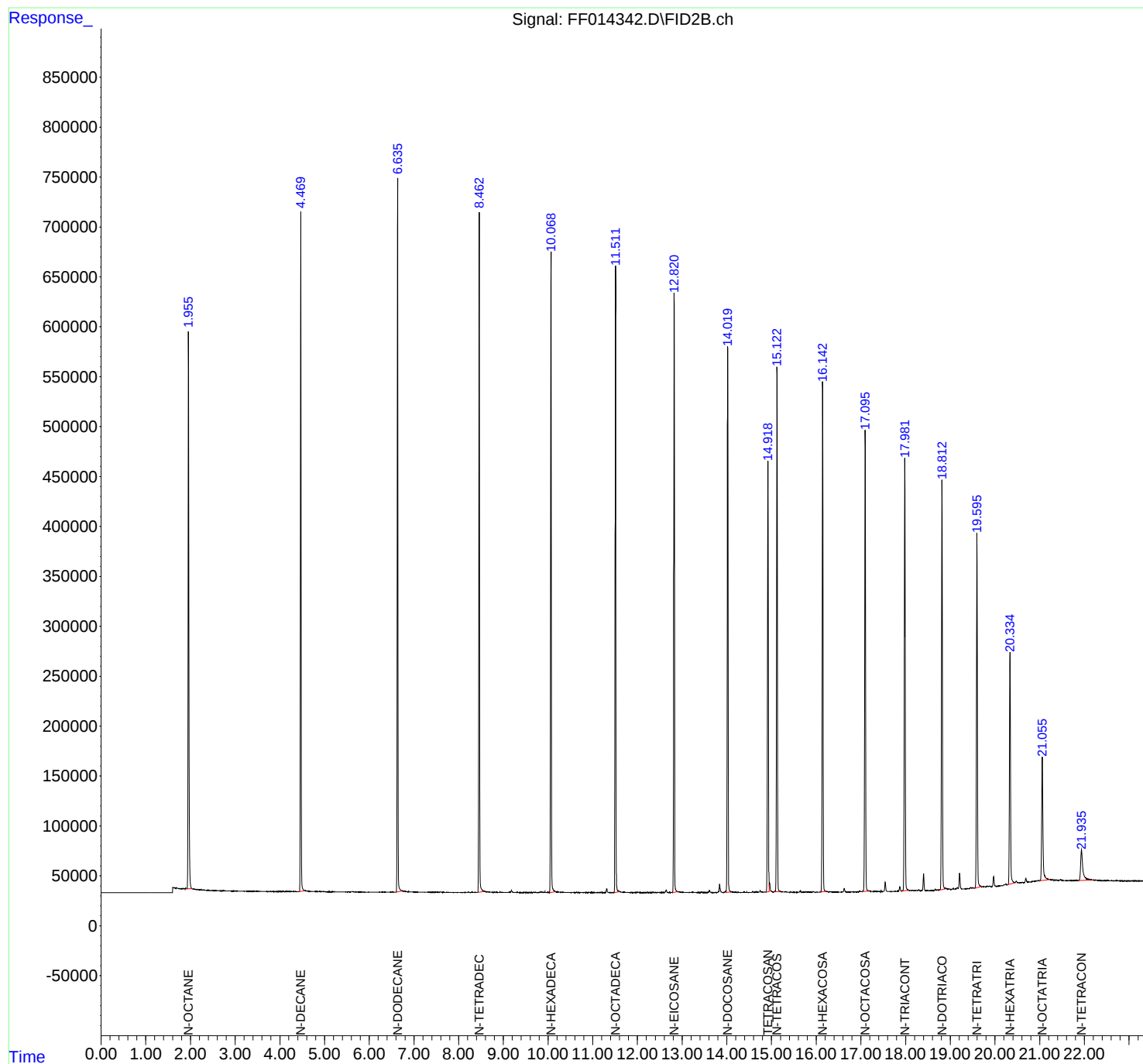
Instrument :
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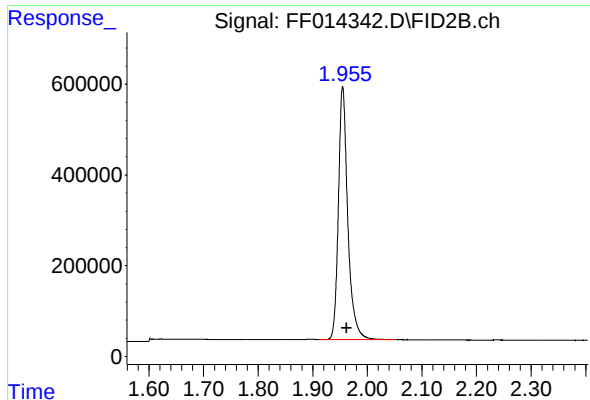
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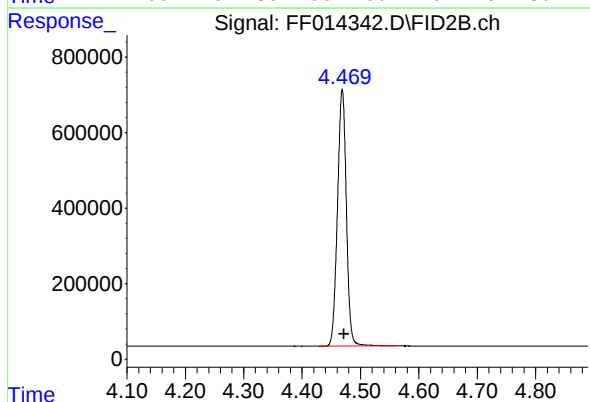
#1 N-OCTANE

R.T.: 1.955 min
Delta R.T.: -0.007 min
Response: 6672349
Conc: 52.92 ug/ml

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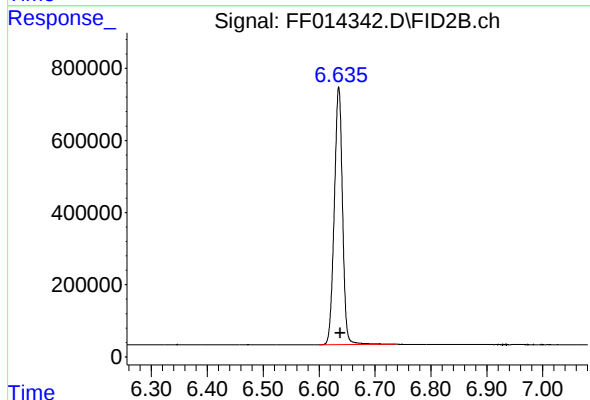
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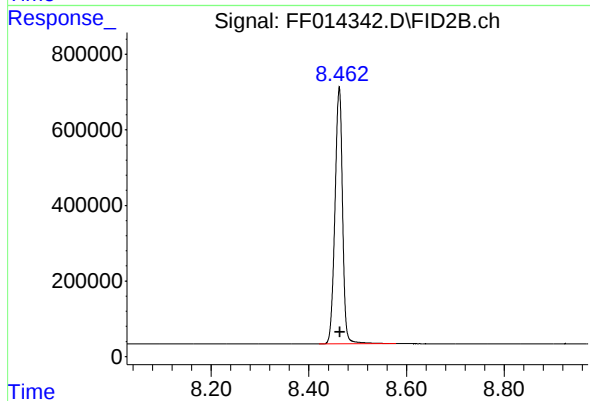
#2 N-DECANE

R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 7188799
Conc: 55.47 ug/ml



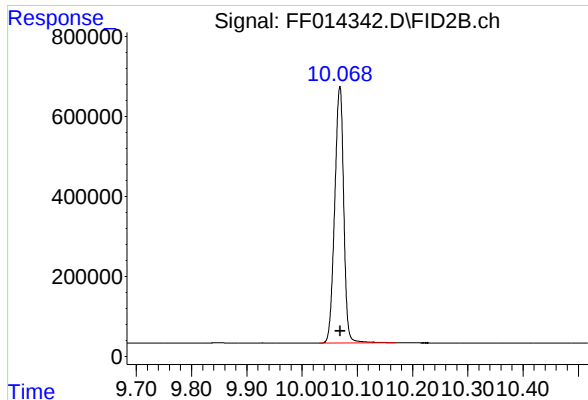
#3 N-DODECANE

R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 7290953
Conc: 54.82 ug/ml



#4 N-TETRADECANE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 7318527
Conc: 56.27 ug/ml



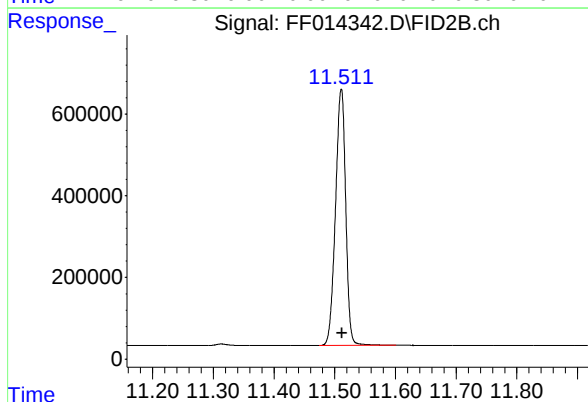
#5 N-HEXADECANE

R.T.: 10.069 min
Delta R.T.: 0.000 min
Response: 7297479
Conc: 56.22 ug/ml

Instrument :
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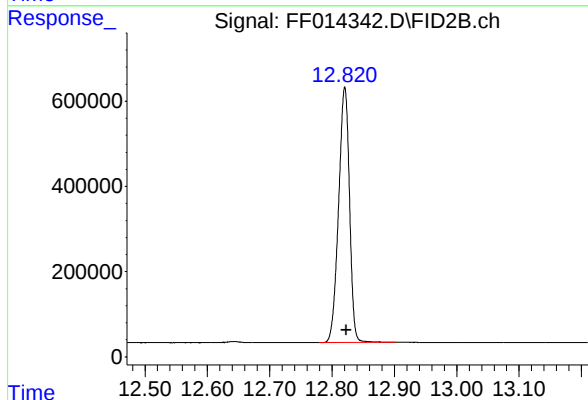
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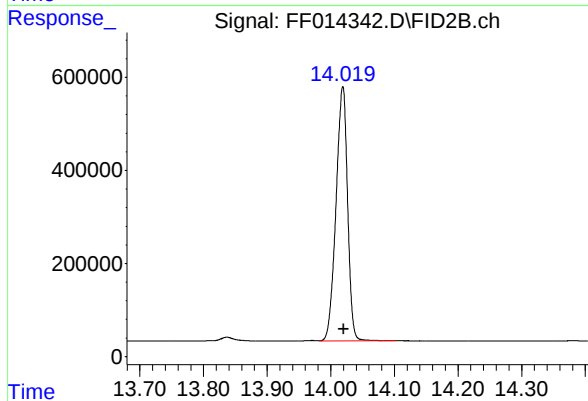
#6 N-OCTADECANE

R.T.: 11.511 min
Delta R.T.: -0.001 min
Response: 7355892
Conc: 53.52 ug/ml



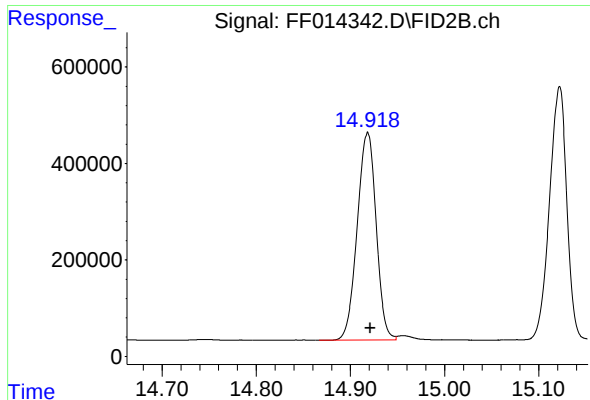
#7 N-EICOSANE

R.T.: 12.821 min
Delta R.T.: -0.002 min
Response: 7297782
Conc: 53.54 ug/ml



#8 N-DOCOSANE

R.T.: 14.019 min
Delta R.T.: -0.001 min
Response: 6924327
Conc: 51.56 ug/ml



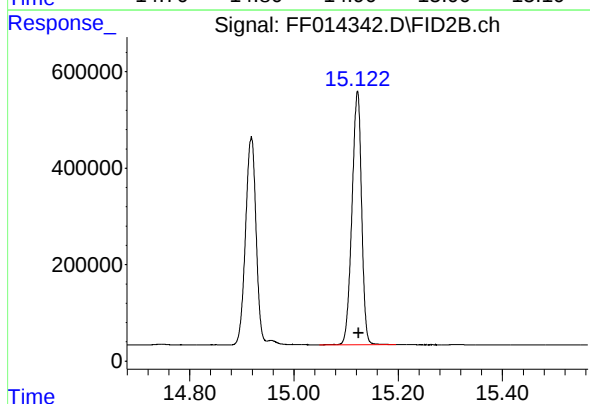
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.918 min
Delta R.T.: -0.003 min
Response: 6009166
Conc: 48.18 ug/ml

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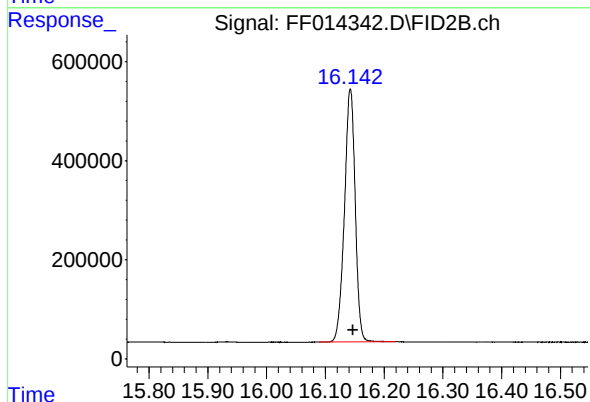
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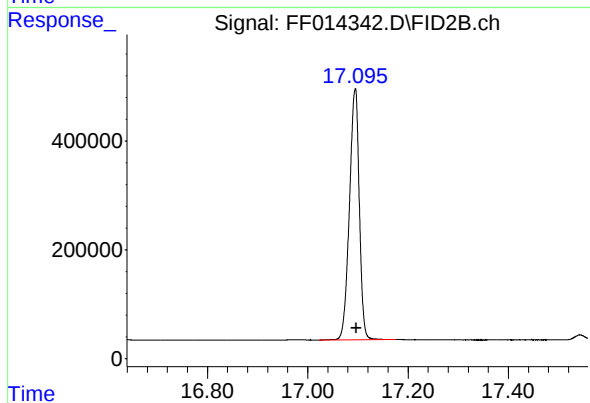
#10 N-TETRACOSANE

R.T.: 15.122 min
Delta R.T.: -0.002 min
Response: 6730020
Conc: 50.59 ug/ml



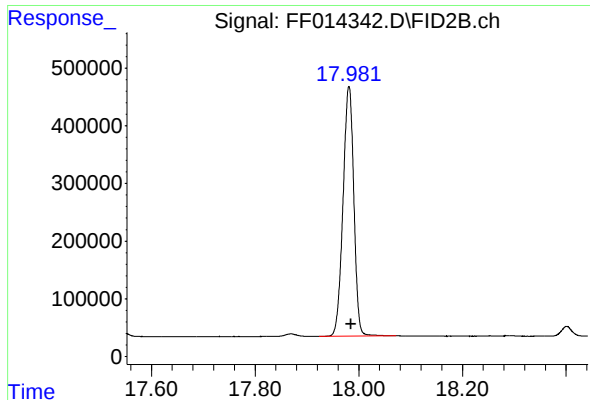
#11 N-HEXACOSANE

R.T.: 16.143 min
Delta R.T.: -0.005 min
Response: 6507393
Conc: 50.64 ug/ml



#12 N-OCTACOSANE

R.T.: 17.095 min
Delta R.T.: -0.002 min
Response: 6307450
Conc: 50.23 ug/ml



#13 N-TRIACONTANE

R.T.: 17.981 min
Delta R.T.: -0.004 min
Response: 6271897
Conc: 51.40 ug/ml

Instrument :

FID_F

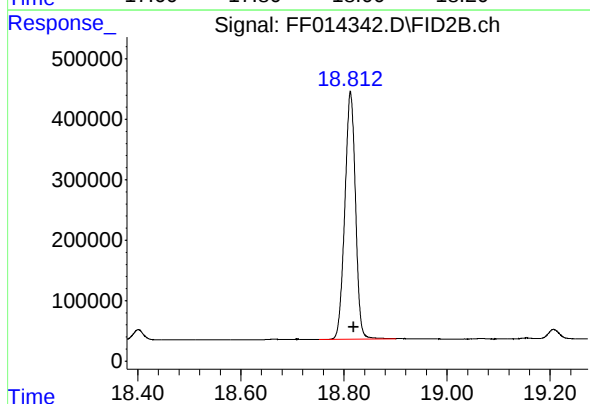
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

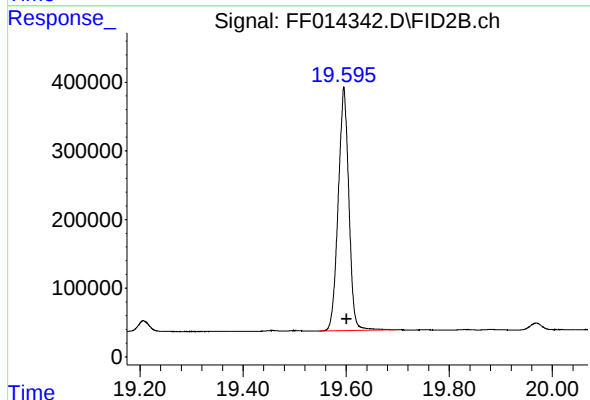
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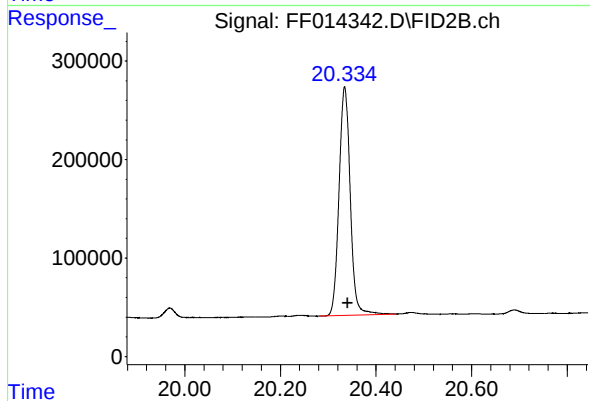
#14 N-DOTRIACONTANE

R.T.: 18.813 min
Delta R.T.: -0.006 min
Response: 5870760
Conc: 50.04 ug/ml



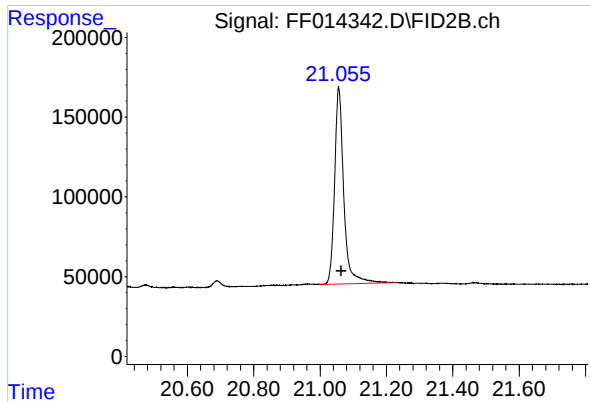
#15 N-TETRATRIACONTANE

R.T.: 19.596 min
Delta R.T.: -0.005 min
Response: 5067194
Conc: 53.22 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.334 min
Delta R.T.: -0.006 min
Response: 3768666
Conc: 50.64 ug/ml



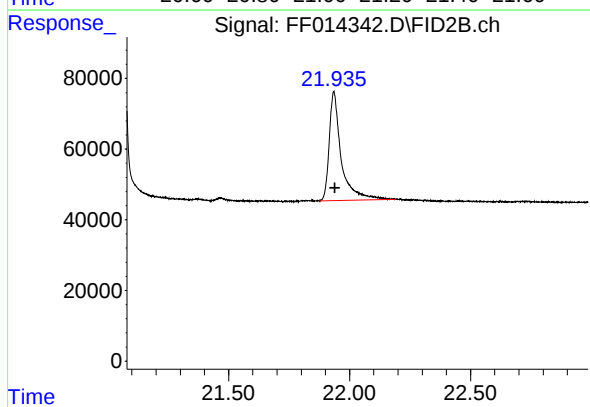
#17 N-OCTATRIACONTANE

R.T.: 21.056 min
Delta R.T.: -0.008 min
Response: 2365980
Conc: 35.06 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.935 min
Delta R.T.: -0.005 min
Response: 1073829
Conc: 17.07 ug/ml m