

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012125\
 Data File : FF015267.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jan 2025 14:36
 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 01/22/2025
 Supervised By :Ankita Jodhani 01/22/2025

Integration File: autoint1.e
 Quant Time: Jan 22 01:50:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 2025
 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...	15.025	5928567	45.275 ug/ml
Target Compounds			
1) N-OCTANE	2.038	6588492	49.492 ug/ml
2) N-DECANE	4.572	6908550	51.841 ug/ml
3) N-DODECANE	6.738	7098405	51.892 ug/ml
4) N-TETRADECANE	8.563	6846865	52.436 ug/ml
5) N-HEXADECANE	10.170	6901394	51.404 ug/ml
6) N-OCTADECANE	11.614	7058973	48.089 ug/ml
7) N-EICOSANE	12.925	6824970	46.683 ug/ml
8) N-DOCOSANE	14.124	6664946	46.029 ug/ml
10) N-TETRACOSANE	15.229	6557463	45.286 ug/ml
11) N-HEXACOSANE	16.250	6368156	45.194 ug/ml
12) N-OCTACOSANE	17.201	6282712	45.844 ug/mlm
13) N-TRIACONTANE	18.090	6276067	47.185 ug/ml
14) N-DOTRIACONTANE	18.924	6322723	49.771 ug/ml
15) N-TETRATRIACONTANE	19.707	5618631	50.705 ug/ml
16) N-HEXATRIACONTANE	20.449	5054616	55.916 ug/mlm
17) N-OCTATRIACONTANE	21.188	4778568	59.130 ug/ml
18) N-TETRACONTANE	22.109	5051911	66.599 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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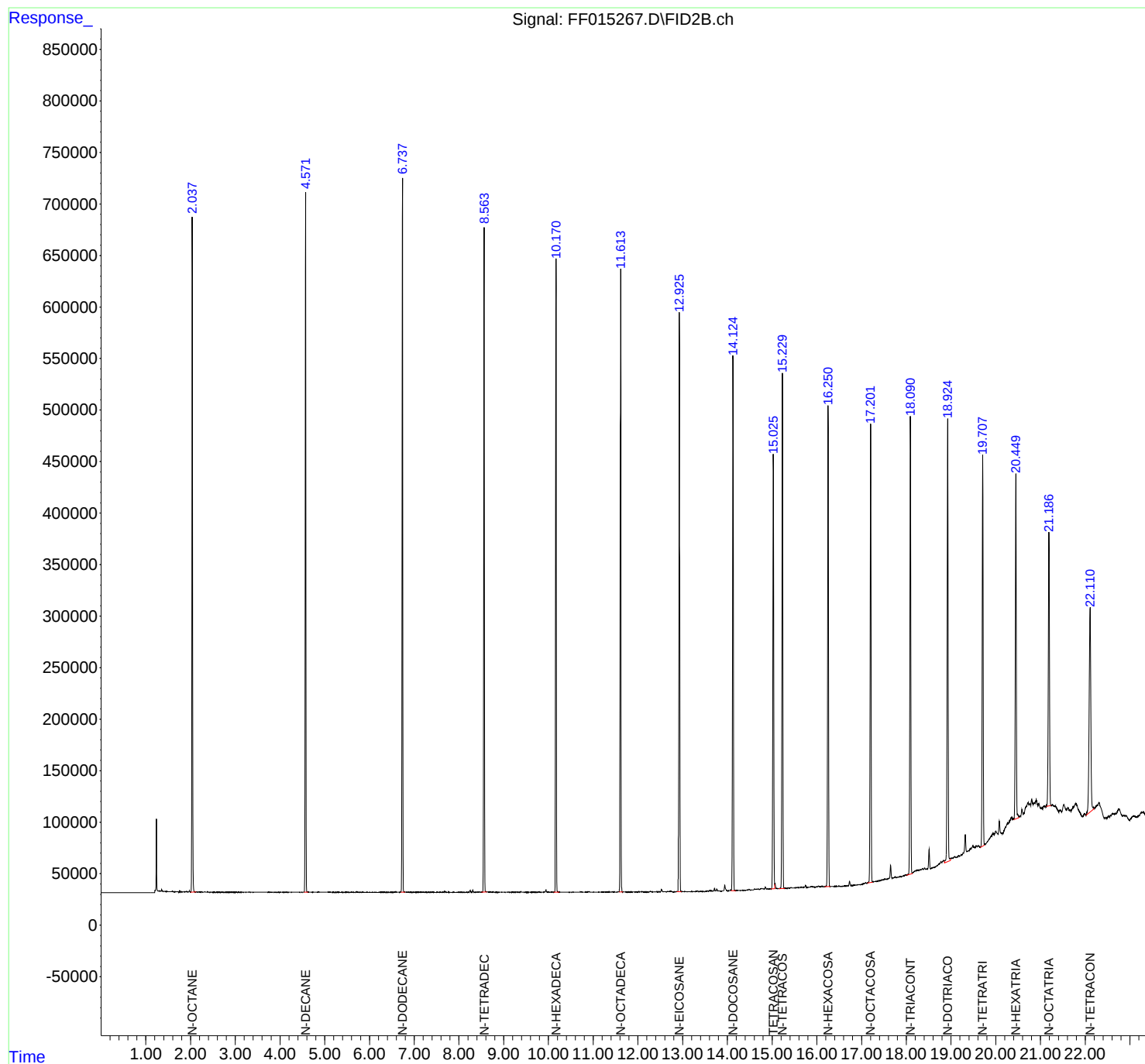
Instrument :
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50 PPM TRPH STD

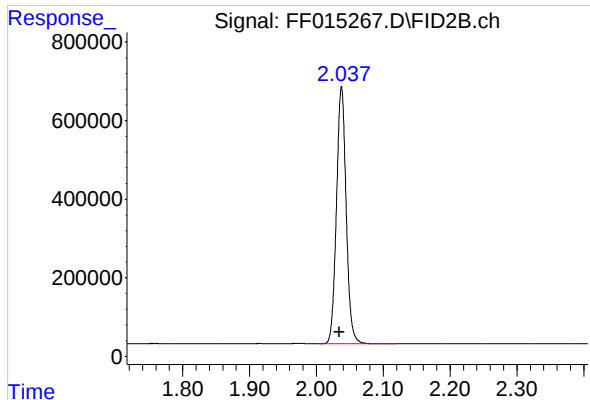
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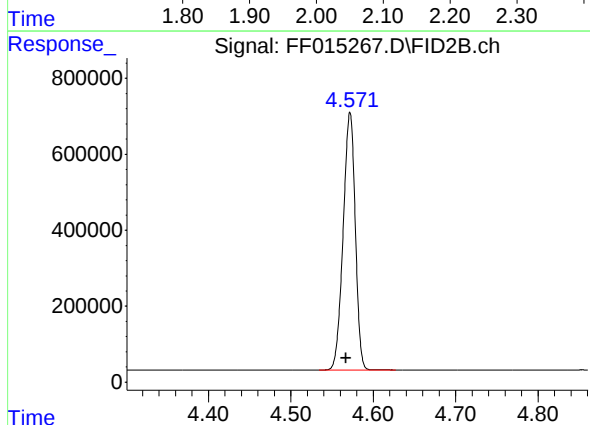
#1 N-OCTANE

R.T.: 2.038 min
Delta R.T.: 0.004 min
Response: 6588492
Conc: 49.49 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

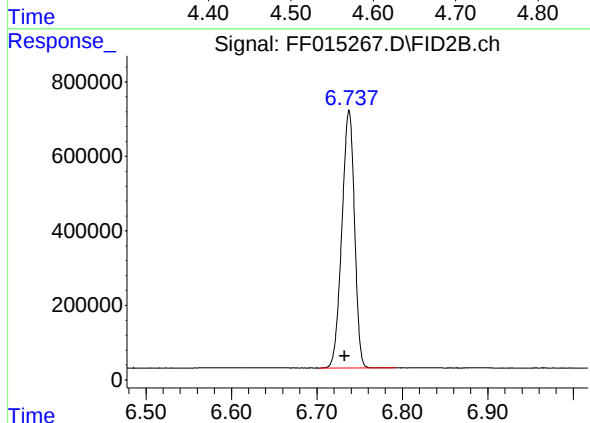
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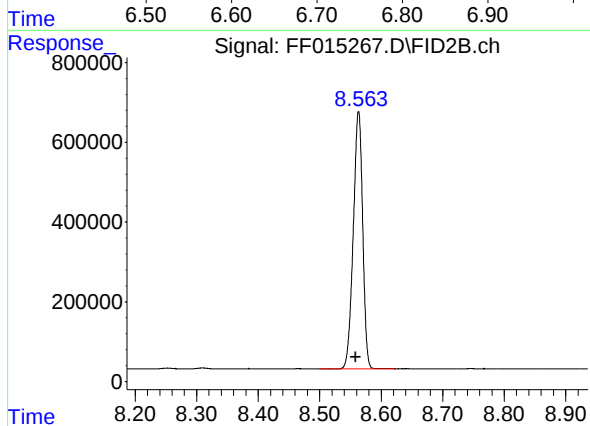
#2 N-DECANE

R.T.: 4.572 min
Delta R.T.: 0.005 min
Response: 6908550
Conc: 51.84 ug/ml



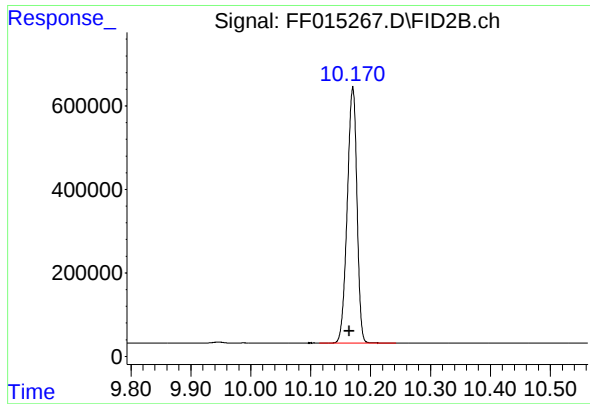
#3 N-DODECANE

R.T.: 6.738 min
Delta R.T.: 0.005 min
Response: 7098405
Conc: 51.89 ug/ml



#4 N-TETRADECANE

R.T.: 8.563 min
Delta R.T.: 0.005 min
Response: 6846865
Conc: 52.44 ug/ml



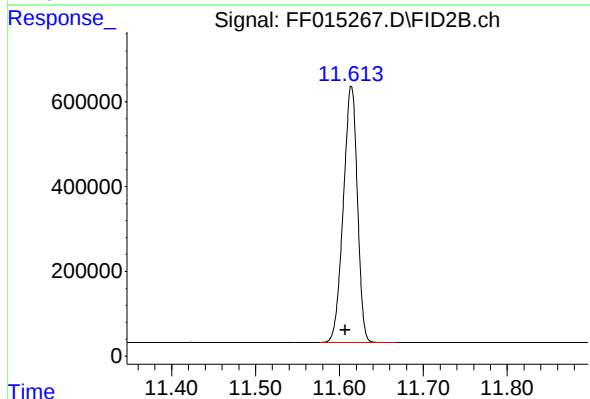
#5 N-HEXADECANE

R.T.: 10.170 min
Delta R.T.: 0.006 min
Response: 6901394
Conc: 51.40 ug/ml

Instrument :
FID_F
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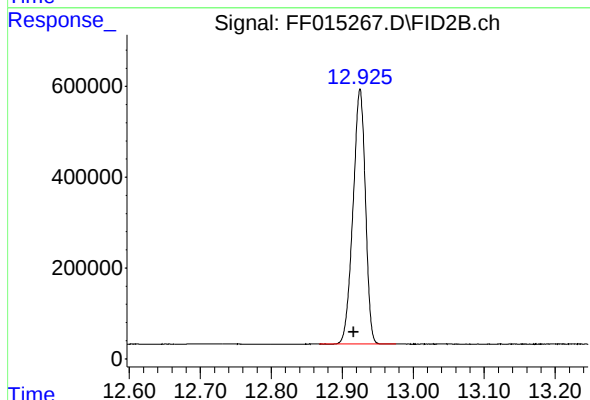
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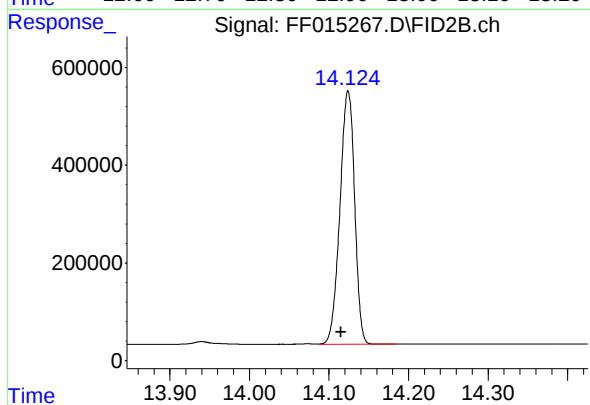
#6 N-OCTADECANE

R.T.: 11.614 min
Delta R.T.: 0.007 min
Response: 7058973
Conc: 48.09 ug/ml



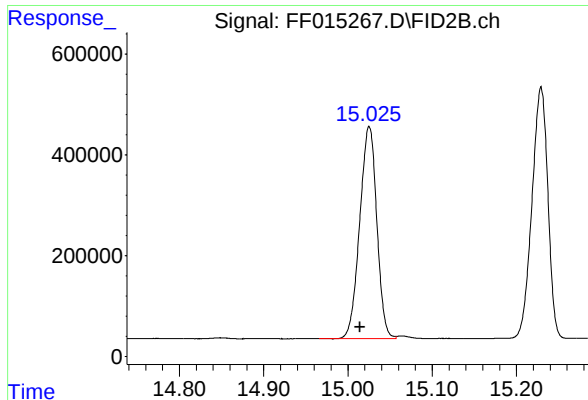
#7 N-EICOSANE

R.T.: 12.925 min
Delta R.T.: 0.009 min
Response: 6824970
Conc: 46.68 ug/ml



#8 N-DOCOSANE

R.T.: 14.124 min
Delta R.T.: 0.009 min
Response: 6664946
Conc: 46.03 ug/ml



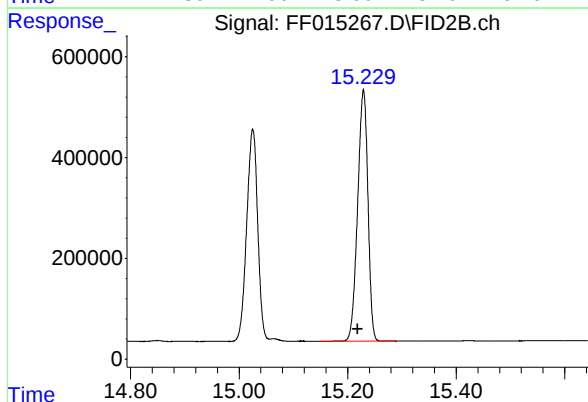
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.025 min
Delta R.T.: 0.011 min
Response: 5928567
Conc: 45.28 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

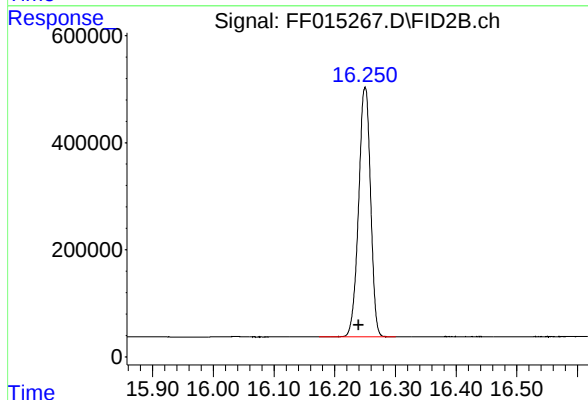
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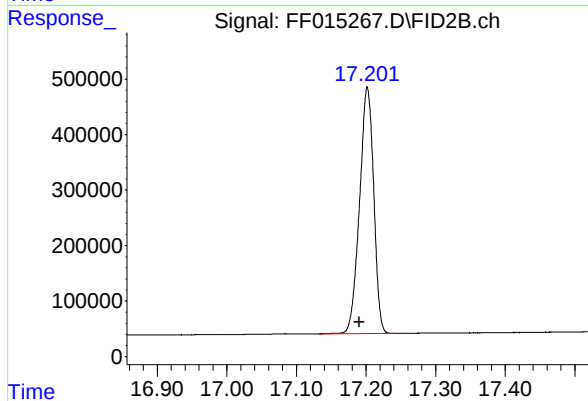
#10 N-TETRACOSANE

R.T.: 15.229 min
Delta R.T.: 0.010 min
Response: 6557463
Conc: 45.29 ug/ml



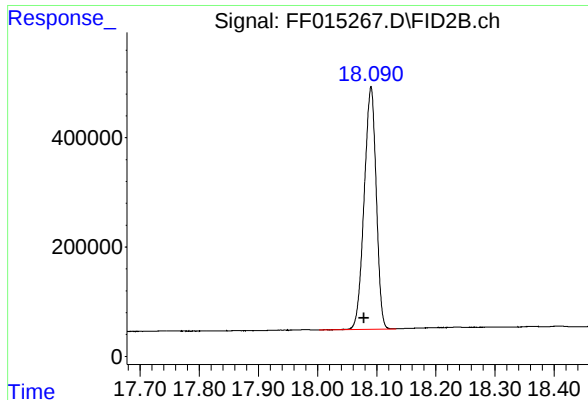
#11 N-HEXACOSANE

R.T.: 16.250 min
Delta R.T.: 0.011 min
Response: 6368156
Conc: 45.19 ug/ml



#12 N-OCTACOSANE

R.T.: 17.201 min
Delta R.T.: 0.011 min
Response: 6282712
Conc: 45.84 ug/ml m



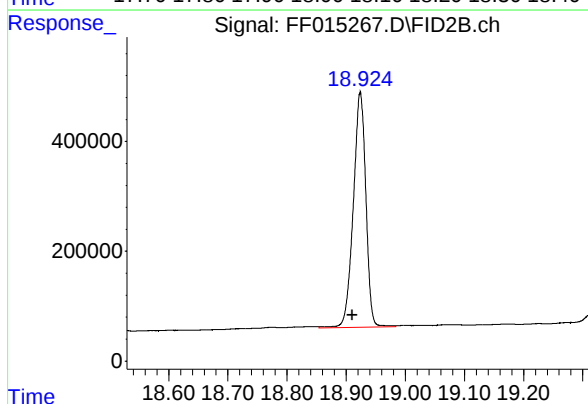
#13 N-TRIACONTANE

R.T.: 18.090 min
Delta R.T.: 0.012 min
Response: 6276067
Conc: 47.19 ug/ml

Instrument :
FID_F
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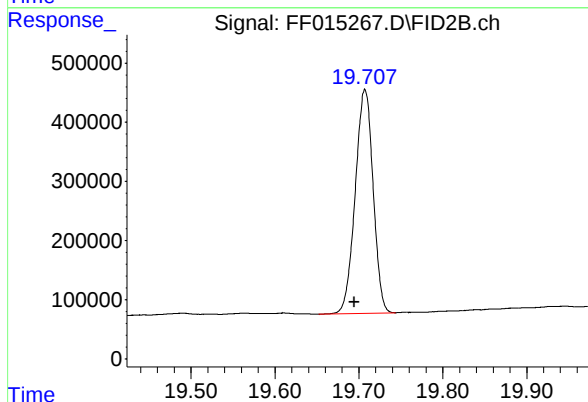
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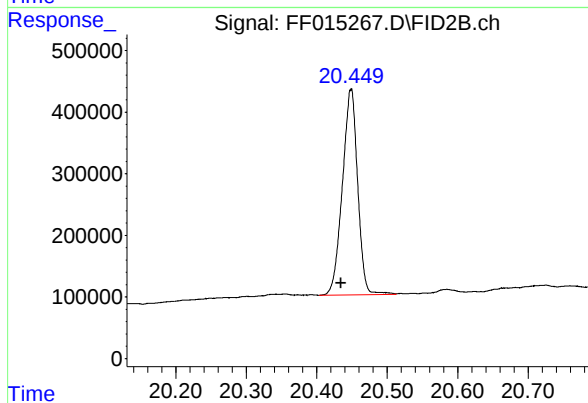
#14 N-DOTRIACONTANE

R.T.: 18.924 min
Delta R.T.: 0.013 min
Response: 6322723
Conc: 49.77 ug/ml



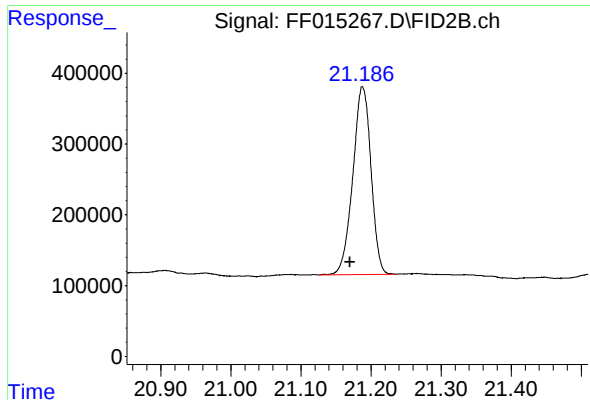
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: 0.013 min
Response: 5618631
Conc: 50.71 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.449 min
Delta R.T.: 0.015 min
Response: 5054616
Conc: 55.92 ug/ml m



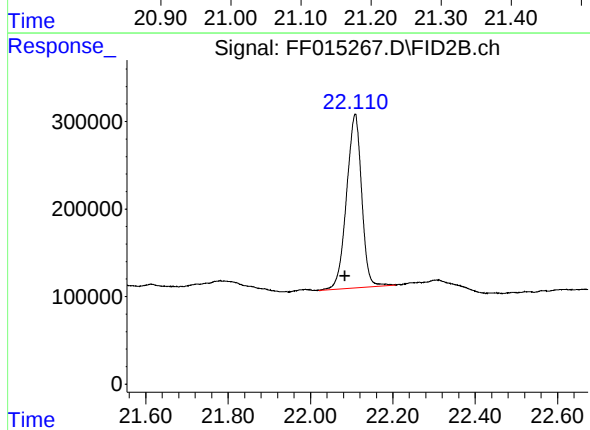
#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: 0.017 min
Response: 4778568
Conc: 59.13 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.109 min
Delta R.T.: 0.025 min
Response: 5051911
Conc: 66.60 ug/ml