

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012125\
 Data File : FF015258.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jan 2025 10:16
 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 01:50:31 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...	15.017	6306290	48.160 ug/ml
Target Compounds			
1) N-OCTANE	2.035	6758339	50.768 ug/ml
2) N-DECANE	4.568	7079428	53.123 ug/ml
3) N-DODECANE	6.734	7343179	53.682 ug/ml
4) N-TETRADECANE	8.559	7147100	54.736 ug/ml
5) N-HEXADECANE	10.166	7278708	54.215 ug/ml
6) N-OCTADECANE	11.609	7507302	51.144 ug/ml
7) N-EICOSANE	12.919	7256980	49.637 ug/ml
8) N-DOCOSANE	14.117	7064190	48.787 ug/ml
10) N-TETRACOSANE	15.221	6922164	47.804 ug/ml
11) N-HEXACOSANE	16.243	6665042	47.301 ug/ml
12) N-OCTACOSANE	17.194	6497815	47.414 ug/ml
13) N-TRIACONTANE	18.082	6367235	47.871 ug/ml
14) N-DOTRIACONTANE	18.914	6089050	47.932 ug/ml
15) N-TETRATRIACONTANE	19.699	5367327	48.437 ug/ml
16) N-HEXATRIACONTANE	20.439	4406411	48.745 ug/ml
17) N-OCTATRIACONTANE	21.174	3598364	44.527 ug/mlm
18) N-TETRACONTANE	22.090	2774435	36.575 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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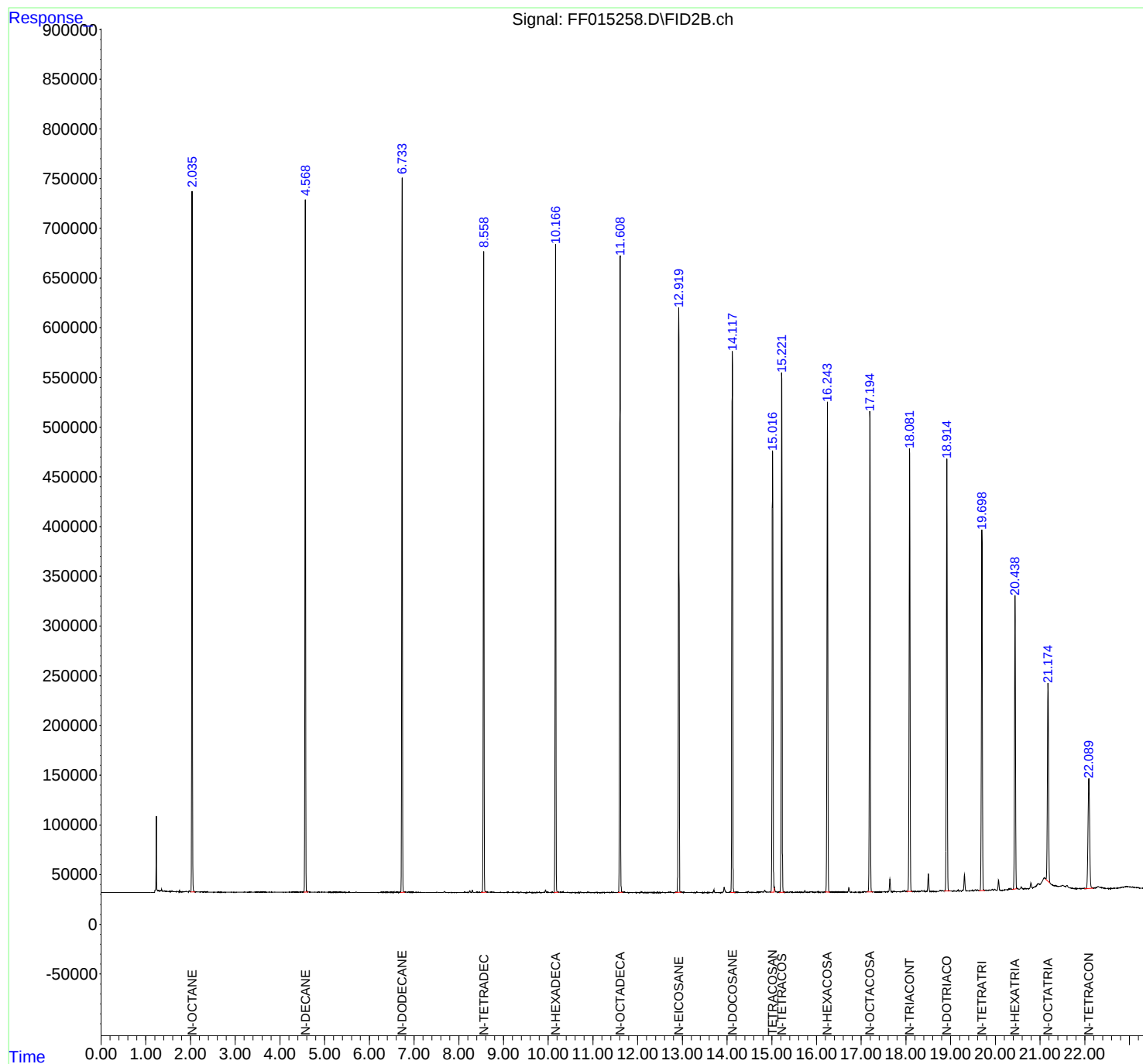
Instrument :
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50 PPM TRPH STD

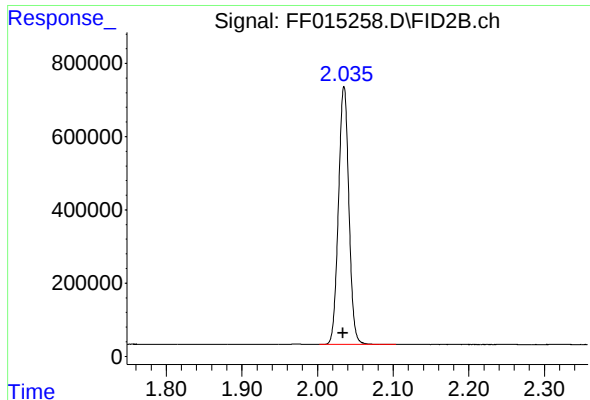
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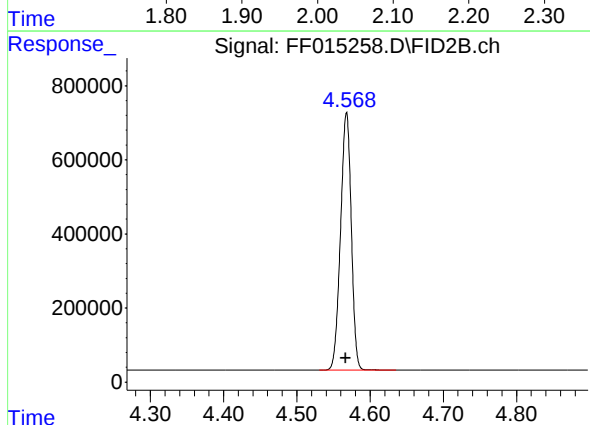
#1 N-OCTANE

R.T.: 2.035 min
Delta R.T.: 0.001 min
Response: 6758339
Conc: 50.77 ug/ml

Instrument :
FID_F
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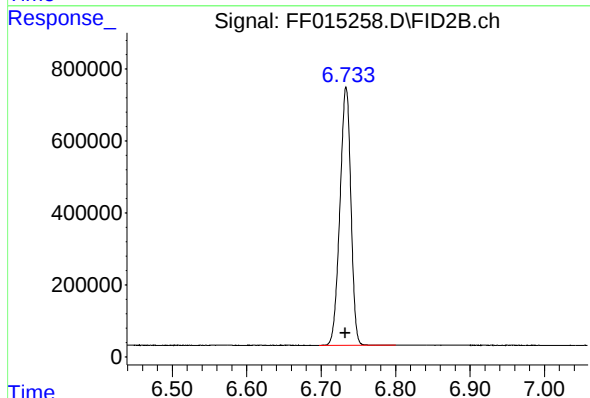
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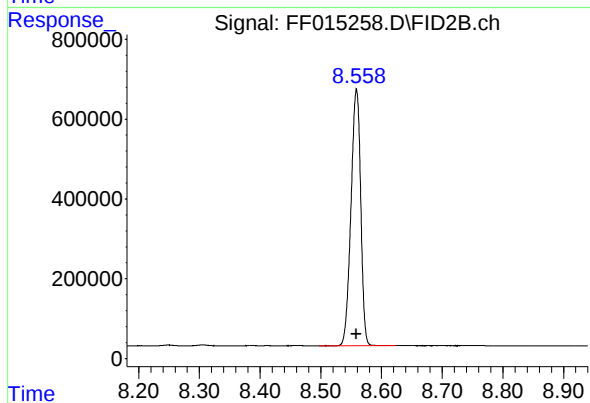
#2 N-DECANE

R.T.: 4.568 min
Delta R.T.: 0.001 min
Response: 7079428
Conc: 53.12 ug/ml



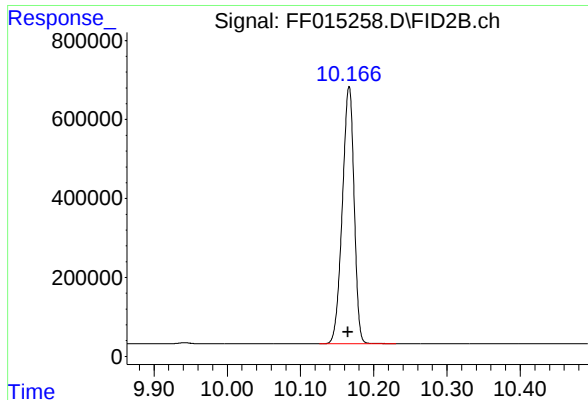
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 7343179
Conc: 53.68 ug/ml



#4 N-TETRADECANE

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 7147100
Conc: 54.74 ug/ml



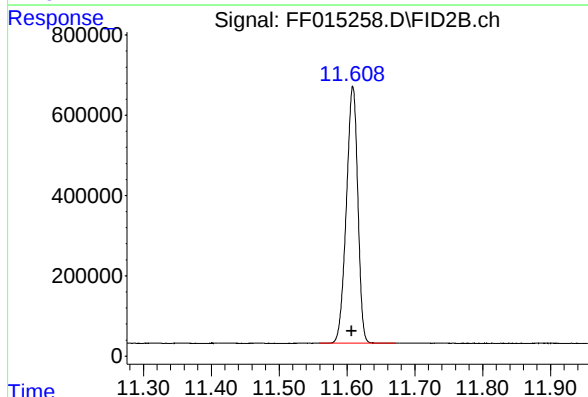
#5 N-HEXADECANE

R.T.: 10.166 min
Delta R.T.: 0.002 min
Response: 7278708
Conc: 54.21 ug/ml

Instrument :
FID_F
ClientSampleId :
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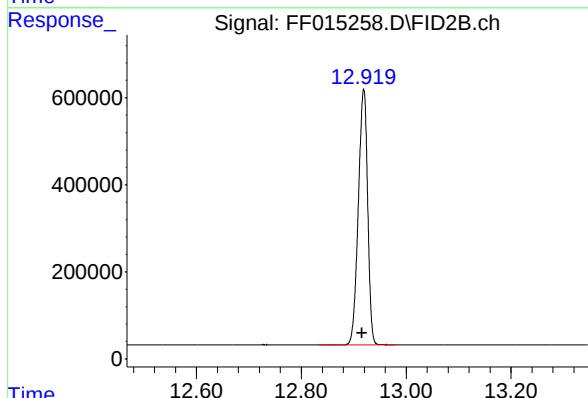
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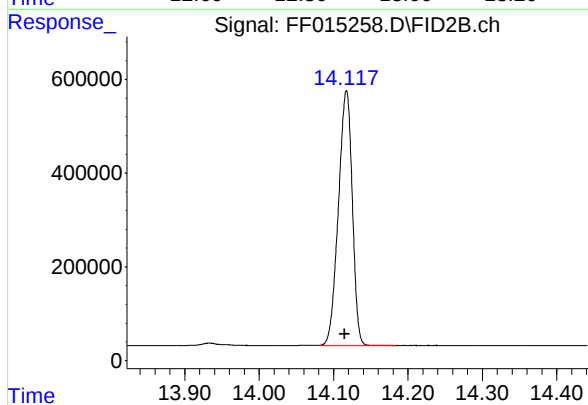
#6 N-OCTADECANE

R.T.: 11.609 min
Delta R.T.: 0.002 min
Response: 7507302
Conc: 51.14 ug/ml



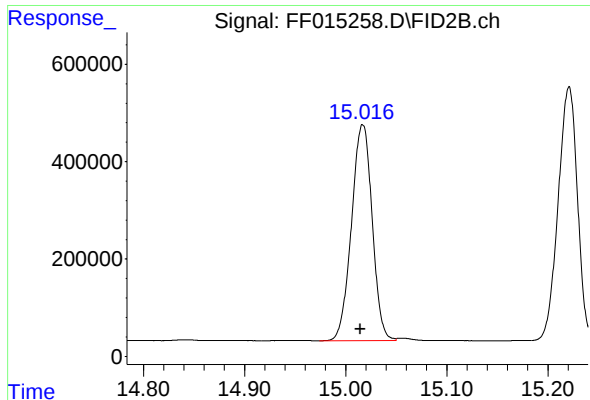
#7 N-EICOSANE

R.T.: 12.919 min
Delta R.T.: 0.003 min
Response: 7256980
Conc: 49.64 ug/ml



#8 N-DOCOSANE

R.T.: 14.117 min
Delta R.T.: 0.002 min
Response: 7064190
Conc: 48.79 ug/ml



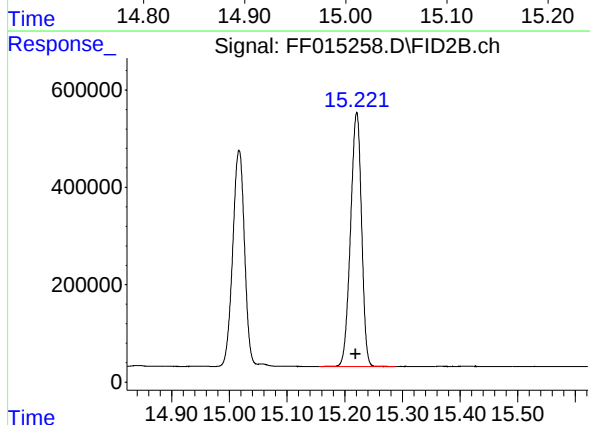
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.017 min
Delta R.T.: 0.002 min
Response: 6306290
Conc: 48.16 ug/ml

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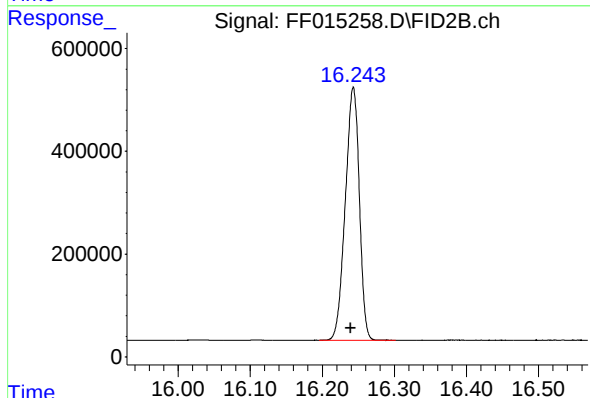
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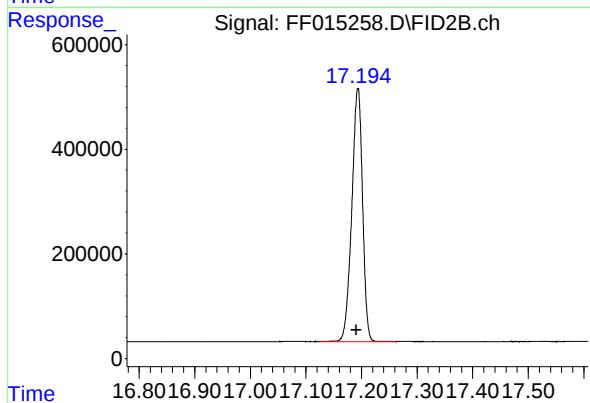
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: 0.002 min
Response: 6922164
Conc: 47.80 ug/ml



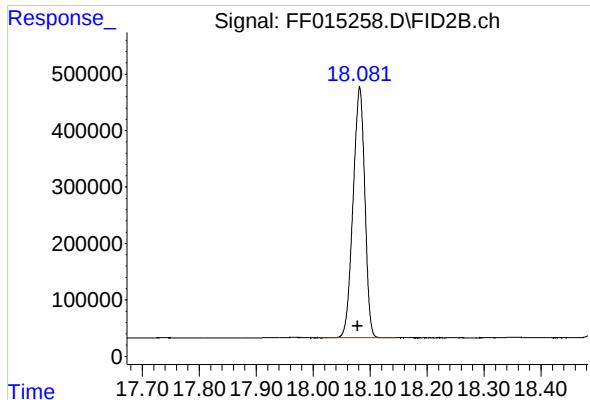
#11 N-HEXACOSANE

R.T.: 16.243 min
Delta R.T.: 0.003 min
Response: 6665042
Conc: 47.30 ug/ml



#12 N-OCTACOSANE

R.T.: 17.194 min
Delta R.T.: 0.003 min
Response: 6497815
Conc: 47.41 ug/ml



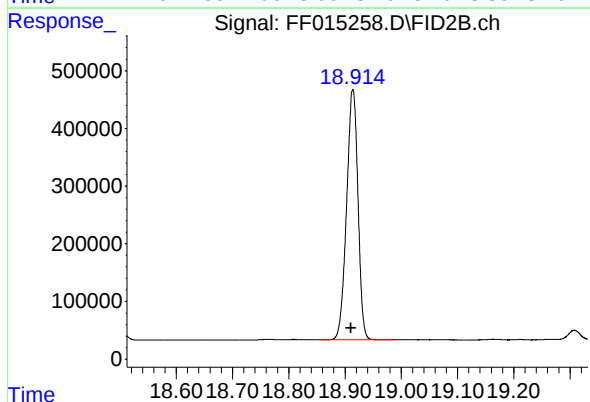
#13 N-TRIACONTANE

R.T.: 18.082 min
Delta R.T.: 0.003 min
Response: 6367235
Conc: 47.87 ug/ml

Instrument :
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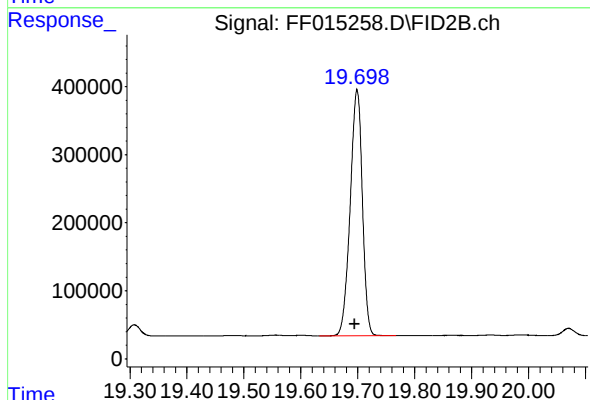
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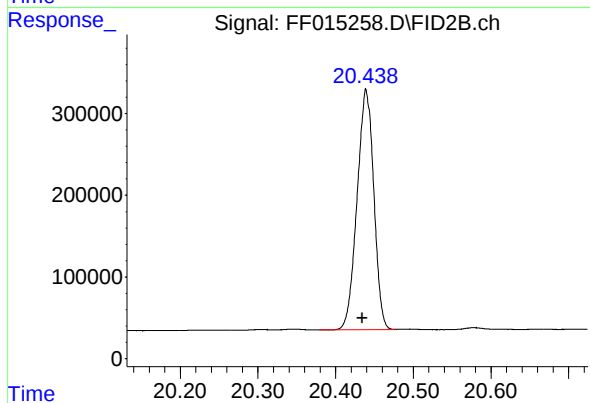
#14 N-DOTRIACONTANE

R.T.: 18.914 min
Delta R.T.: 0.003 min
Response: 6089050
Conc: 47.93 ug/ml



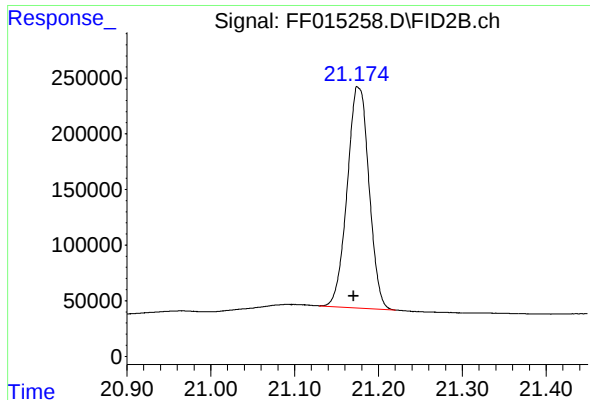
#15 N-TETRATRIACONTANE

R.T.: 19.699 min
Delta R.T.: 0.004 min
Response: 5367327
Conc: 48.44 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.439 min
Delta R.T.: 0.005 min
Response: 4406411
Conc: 48.75 ug/ml



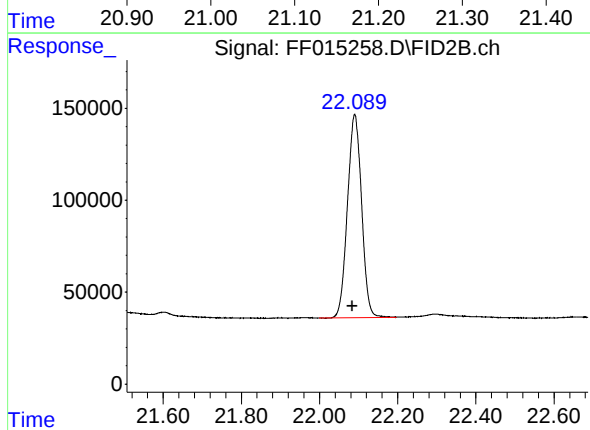
#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: 0.003 min
Response: 3598364
Conc: 44.53 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.090 min
Delta R.T.: 0.006 min
Response: 2774435
Conc: 36.58 ug/ml