

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112024\
 Data File : FF015111.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2024 14:44
 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 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
 Quant Time: Nov 21 00:52:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF111324.M
 Quant Title :
 QLast Update : Wed Nov 13 12:50:15 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...	15.015	5541741	50.277 ug/ml
Target Compounds			
1) N-OCTANE	2.042	6043953	45.615 ug/ml
2) N-DECANE	4.570	6498902	49.336 ug/ml
3) N-DODECANE	6.732	6578951	49.012 ug/ml
4) N-TETRADECANE	8.557	6603724	51.149 ug/ml
5) N-HEXADECANE	10.164	6579187	50.738 ug/ml
6) N-OCTADECANE	11.606	6632623	50.290 ug/ml
7) N-EICOSANE	12.917	6608112	51.979 ug/ml
8) N-DOCOSANE	14.114	6291612	50.890 ug/ml
10) N-TETRACOSANE	15.219	6164480	50.742 ug/ml
11) N-HEXACOSANE	16.240	6014373	50.991 ug/ml
12) N-OCTACOSANE	17.190	5883950	51.004 ug/ml
13) N-TRIACONTANE	18.078	5945496	52.312 ug/ml
14) N-DOTRIACONTANE	18.909	5848673	53.557 ug/mlm
15) N-TETRATRIACONTANE	19.694	5696180	62.033 ug/mlm
16) N-HEXATRIACONTANE	20.433	5393552	77.588 ug/ml
17) N-OCTATRIACONTANE	21.169	5255830	92.241 ug/ml
18) N-TETRACONTANE	22.080	5441852	111.172 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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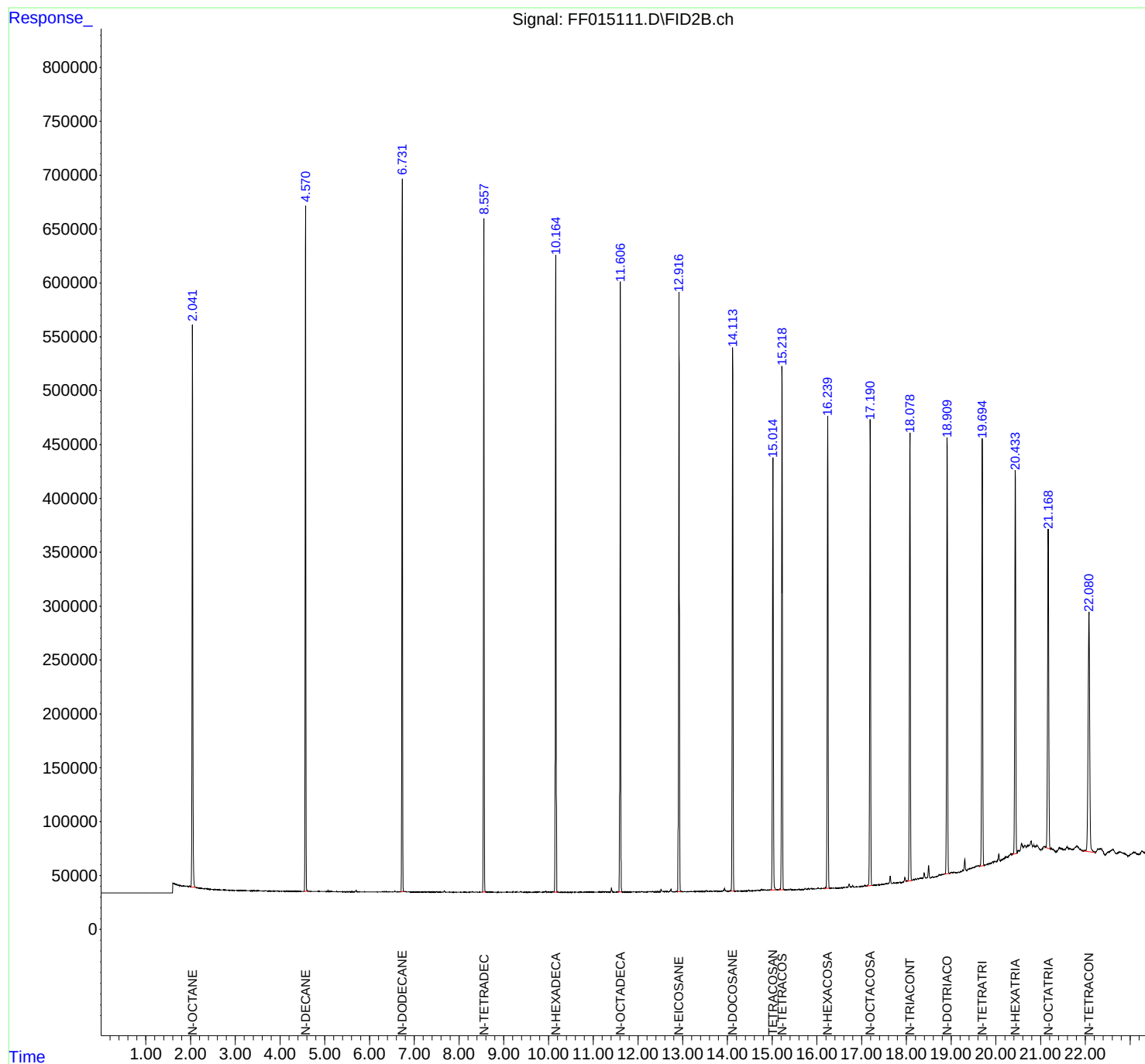
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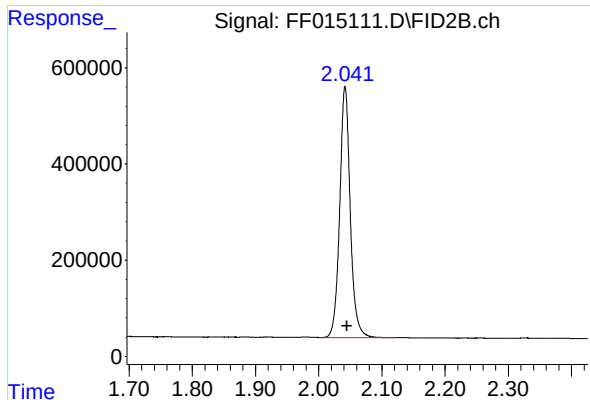
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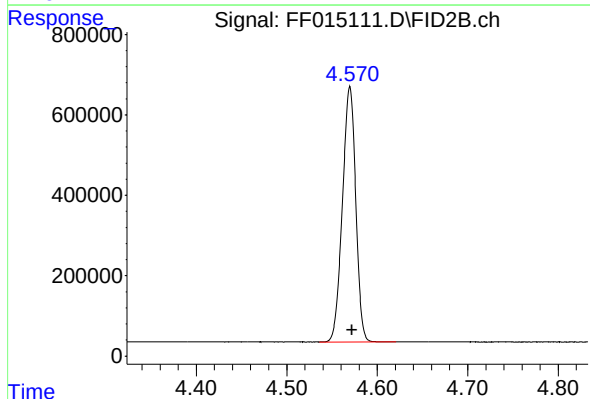
#1 N-OCTANE

R.T.: 2.042 min
Delta R.T.: -0.003 min
Response: 6043953
Conc: 45.62 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

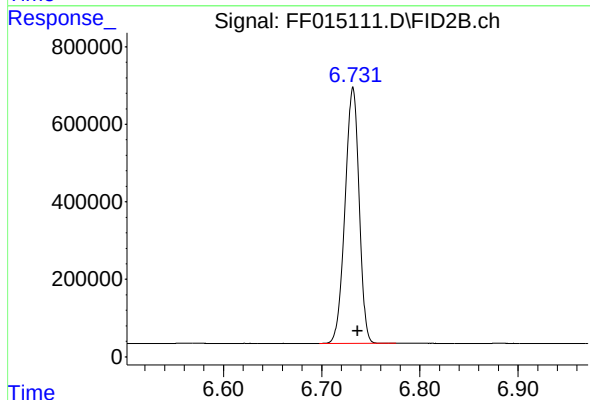
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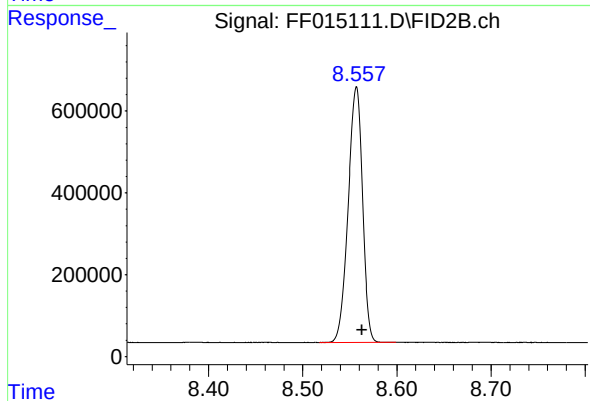
#2 N-DECANE

R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 6498902
Conc: 49.34 ug/ml



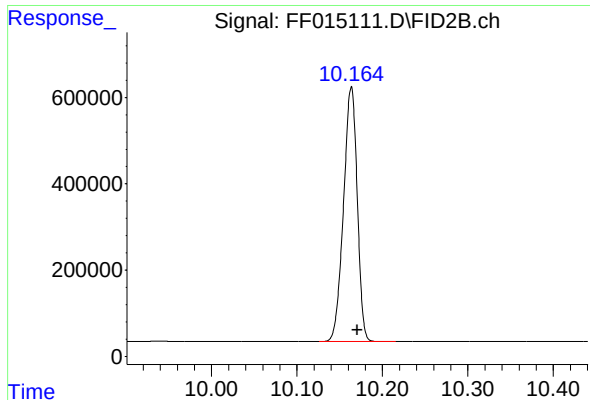
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: -0.005 min
Response: 6578951
Conc: 49.01 ug/ml



#4 N-TETRADECANE

R.T.: 8.557 min
Delta R.T.: -0.006 min
Response: 6603724
Conc: 51.15 ug/ml



#5 N-HEXADECANE

R.T.: 10.164 min
Delta R.T.: -0.007 min
Response: 6579187
Conc: 50.74 ug/ml

Instrument :

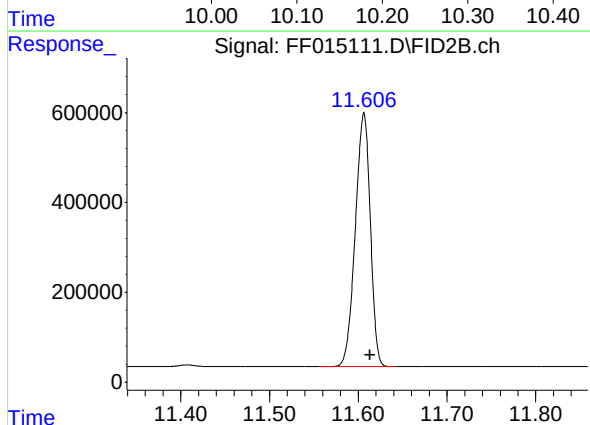
FID_F

ClientSampleId :

50 PPM TRPH STD

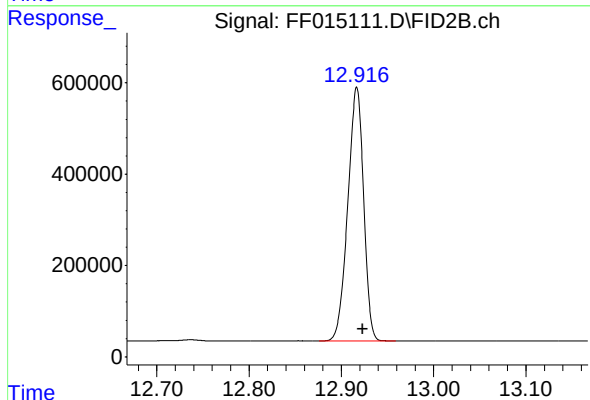
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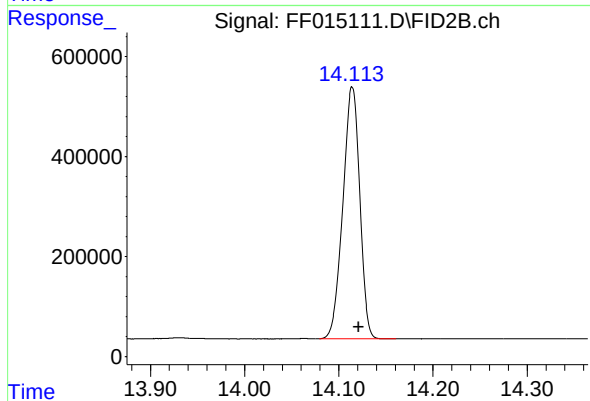
#6 N-OCTADECANE

R.T.: 11.606 min
Delta R.T.: -0.007 min
Response: 6632623
Conc: 50.29 ug/ml



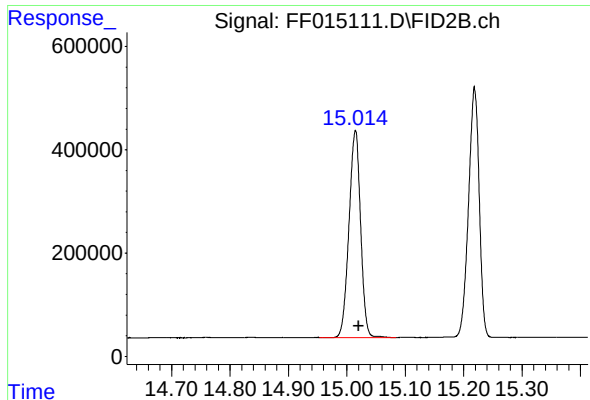
#7 N-EICOSANE

R.T.: 12.917 min
Delta R.T.: -0.006 min
Response: 6608112
Conc: 51.98 ug/ml



#8 N-DOCOSANE

R.T.: 14.114 min
Delta R.T.: -0.007 min
Response: 6291612
Conc: 50.89 ug/ml



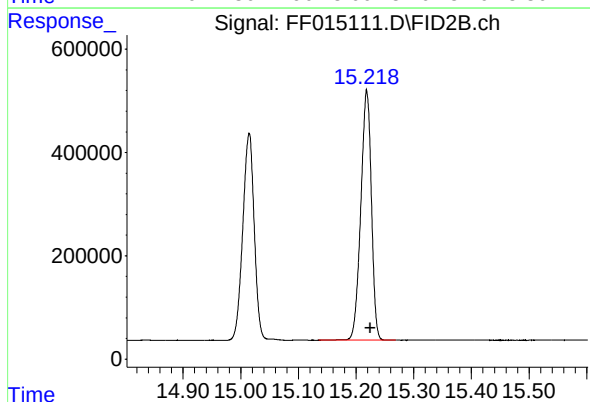
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.015 min
Delta R.T.: -0.005 min
Response: 5541741
Conc: 50.28 ug/ml

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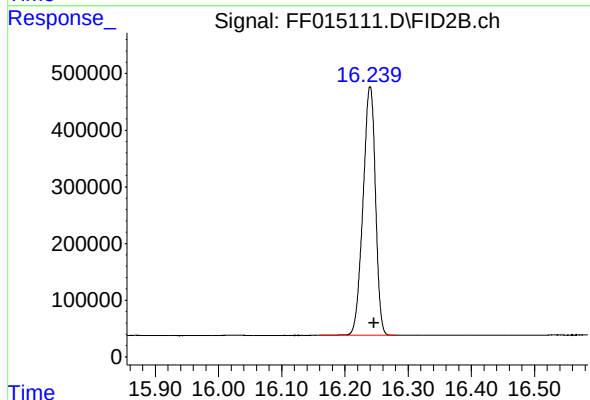
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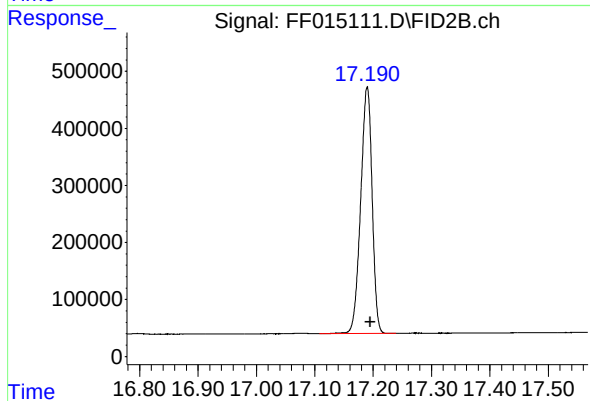
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: -0.006 min
Response: 6164480
Conc: 50.74 ug/ml



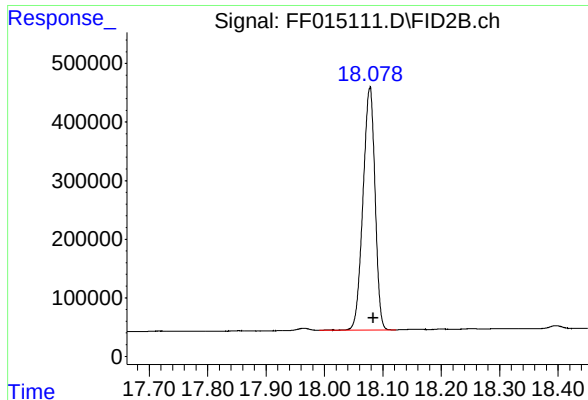
#11 N-HEXACOSANE

R.T.: 16.240 min
Delta R.T.: -0.006 min
Response: 6014373
Conc: 50.99 ug/ml



#12 N-OCTACOSANE

R.T.: 17.190 min
Delta R.T.: -0.005 min
Response: 5883950
Conc: 51.00 ug/ml



#13 N-TRIACONTANE

R.T.: 18.078 min
Delta R.T.: -0.006 min
Response: 5945496
Conc: 52.31 ug/ml

Instrument :

FID_F

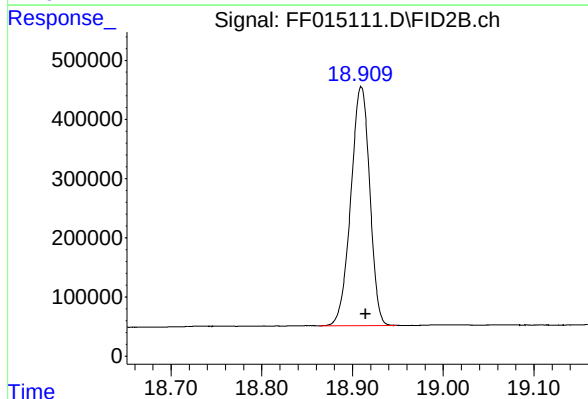
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

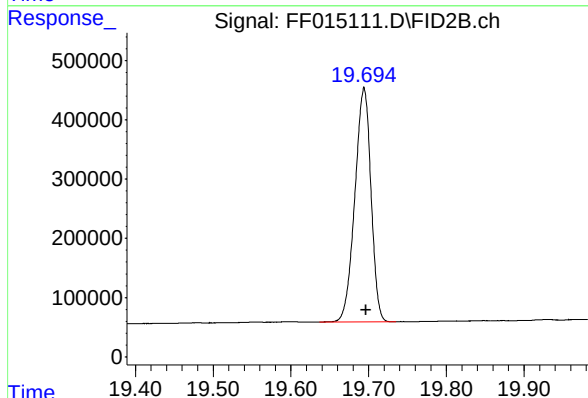
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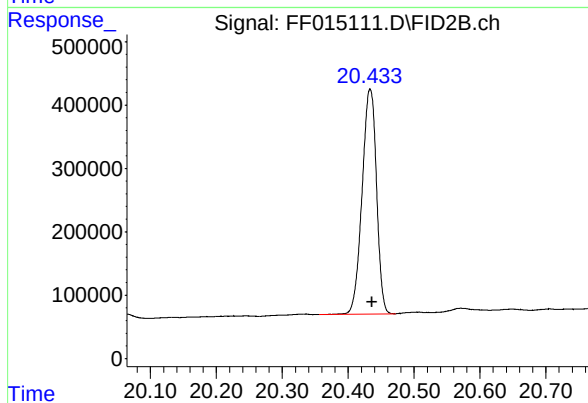
#14 N-DOTRIACONTANE

R.T.: 18.909 min
Delta R.T.: -0.006 min
Response: 5848673
Conc: 53.56 ug/ml m



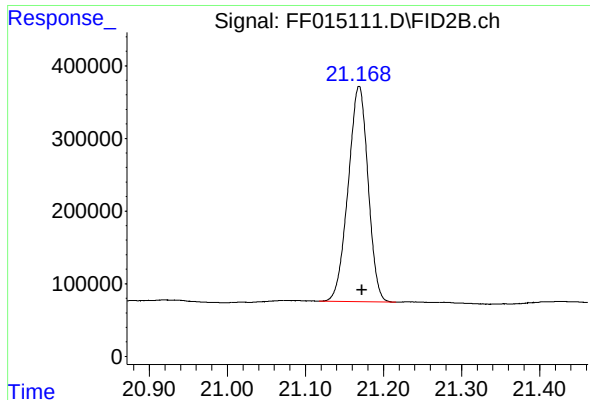
#15 N-TETRATRIACONTANE

R.T.: 19.694 min
Delta R.T.: -0.003 min
Response: 5696180
Conc: 62.03 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.433 min
Delta R.T.: -0.003 min
Response: 5393552
Conc: 77.59 ug/ml



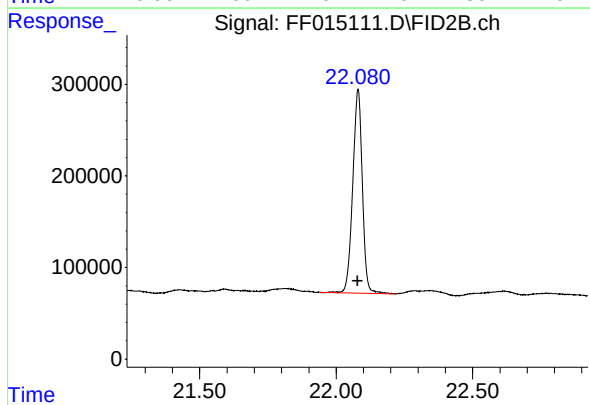
#17 N-OCTATRIACONTANE

R.T.: 21.169 min
Delta R.T.: -0.004 min
Response: 5255830
Conc: 92.24 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.080 min
Delta R.T.: 0.000 min
Response: 5441852
Conc: 111.17 ug/ml