

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121123\
 Data File : FF013812.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2023 10:25
 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 12/12/2023
 Supervised By :Ankita Jodhani 12/12/2023

Integration File: autoint1.e
 Quant Time: Dec 11 23:44:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF120523.M
 Quant Title :
 QLast Update : Tue Dec 05 11:16:50 2023
 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...	14.971	5306902	44.909 ug/ml
Target Compounds			
1) N-OCTANE	1.997	4731759	39.441 ug/ml
2) N-DECANE	4.518	5553559	44.325 ug/ml
3) N-DODECANE	6.683	5705736	44.562 ug/ml
4) N-TETRADECANE	8.510	5779165	44.888 ug/ml
5) N-HEXADECANE	10.117	5909263	44.917 ug/ml
6) N-OCTADECANE	11.560	5923560	44.961 ug/ml
7) N-EICOSANE	12.871	5885096	45.168 ug/ml
8) N-DOCOSANE	14.071	5665439	45.094 ug/ml
10) N-TETRACOSANE	15.175	5623155	45.225 ug/ml
11) N-HEXACOSANE	16.197	5468237	45.211 ug/ml
12) N-OCTACOSANE	17.148	5432710	45.796 ug/ml
13) N-TRIACONTANE	18.036	5512067	46.962 ug/ml
14) N-DOTRIACONTANE	18.870	5395921	47.583 ug/ml
15) N-TETRATRIACONTANE	19.654	4617381	47.105 ug/ml
16) N-HEXATRIACONTANE	20.392	3661400	45.498 ug/ml
17) N-OCTATRIACONTANE	21.121	3248816	43.624 ug/mlm
18) N-TETRACONTANE	22.013	2941327	37.665 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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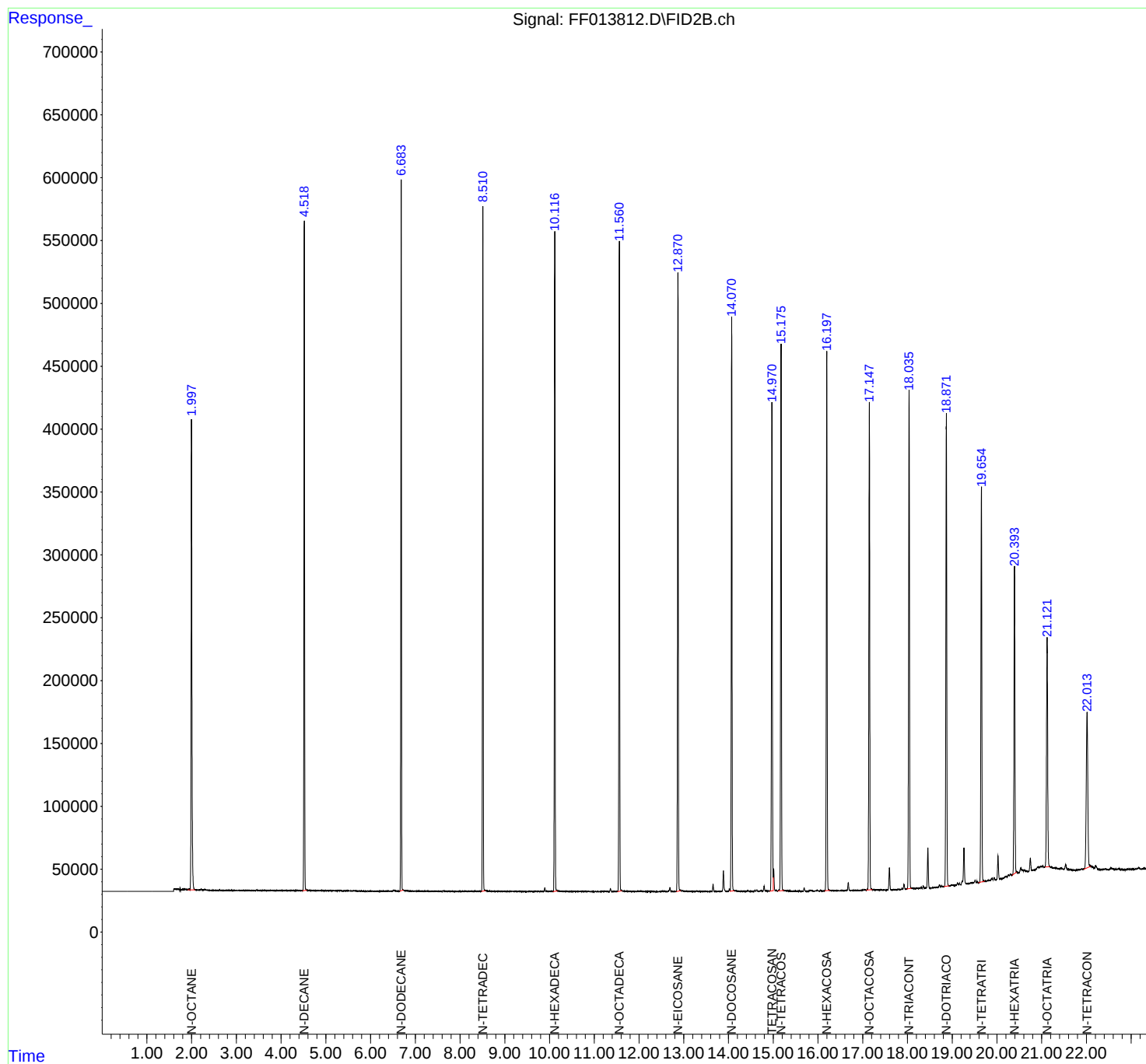
Instrument :
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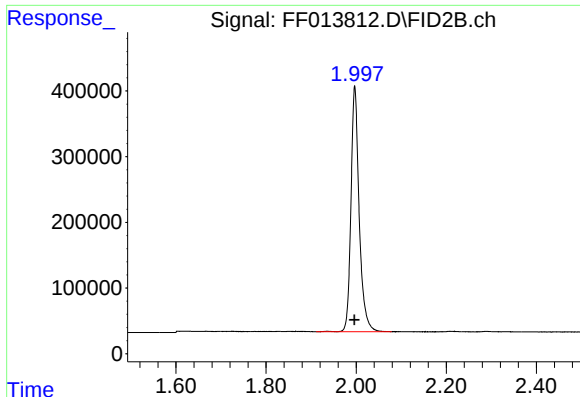
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.997 min
Delta R.T.: 0.000 min
Response: 4731759
Conc: 39.44 ug/ml

Instrument :

FID_F

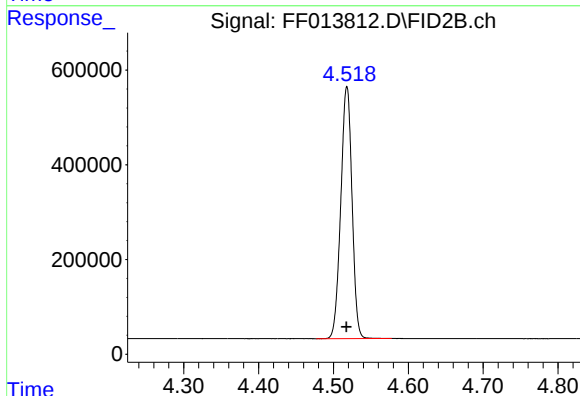
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

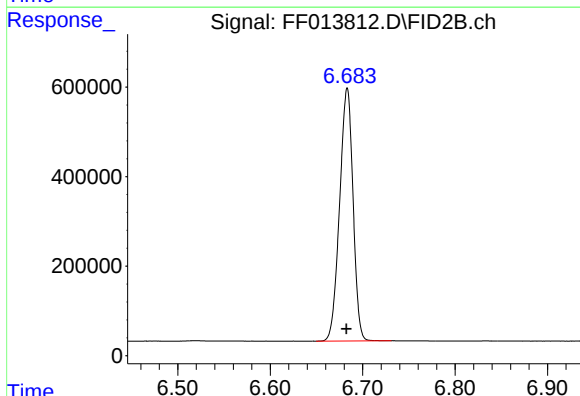
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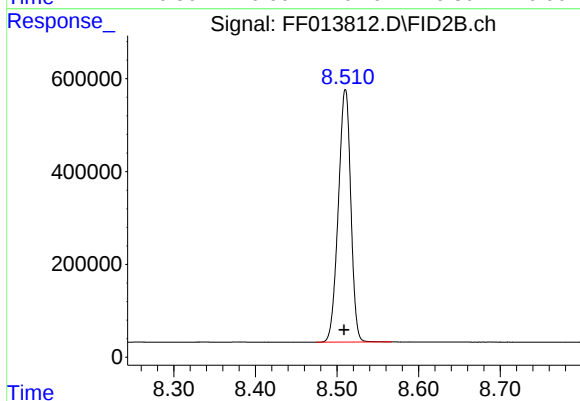
#2 N-DECANE

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 5553559
Conc: 44.33 ug/ml



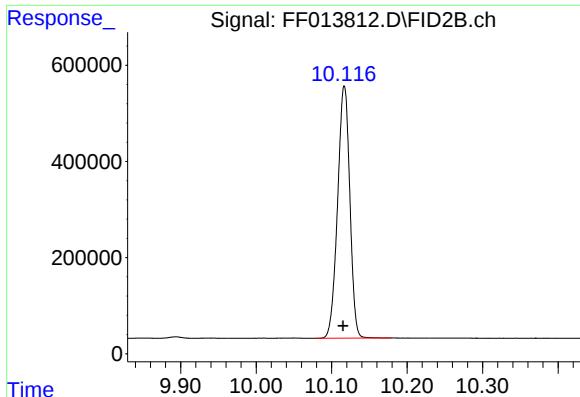
#3 N-DODECANE

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 5705736
Conc: 44.56 ug/ml



#4 N-TETRADECANE

R.T.: 8.510 min
Delta R.T.: 0.002 min
Response: 5779165
Conc: 44.89 ug/ml



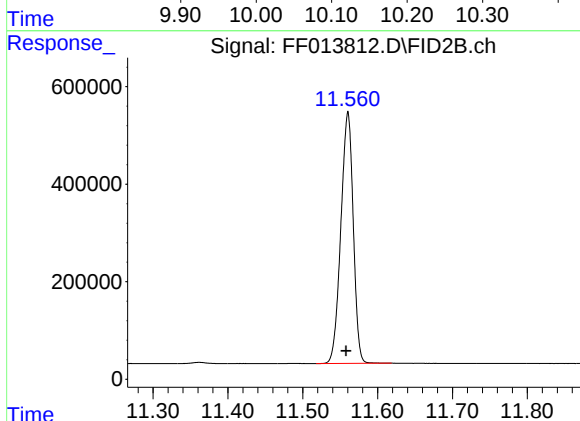
#5 N-HEXADECANE

R.T.: 10.117 min
Delta R.T.: 0.002 min
Response: 5909263
Conc: 44.92 ug/ml

Instrument :
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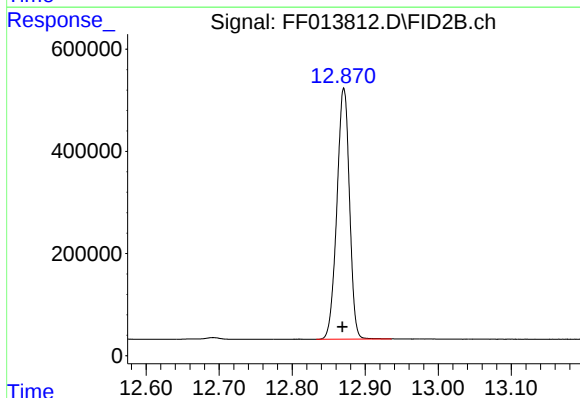
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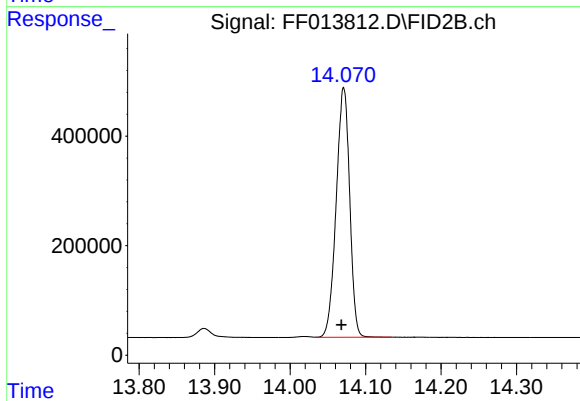
#6 N-OCTADECANE

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 5923560
Conc: 44.96 ug/ml



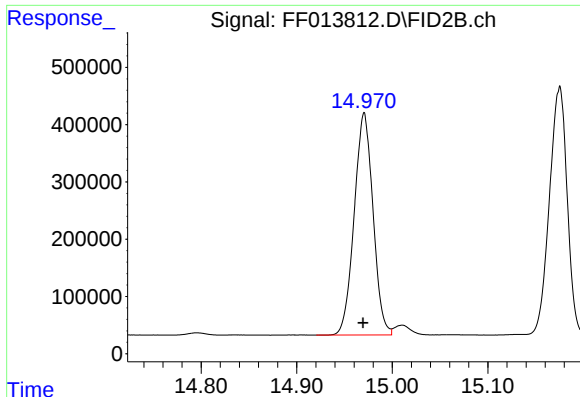
#7 N-EICOSANE

R.T.: 12.871 min
Delta R.T.: 0.002 min
Response: 5885096
Conc: 45.17 ug/ml



#8 N-DOCOSANE

R.T.: 14.071 min
Delta R.T.: 0.003 min
Response: 5665439
Conc: 45.09 ug/ml



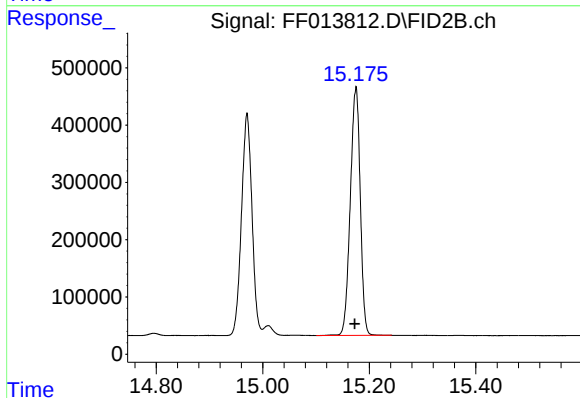
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.971 min
Delta R.T.: 0.001 min
Response: 5306902
Conc: 44.91 ug/ml

Instrument :
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ClientSampleId :
50 PPM TRPH STD

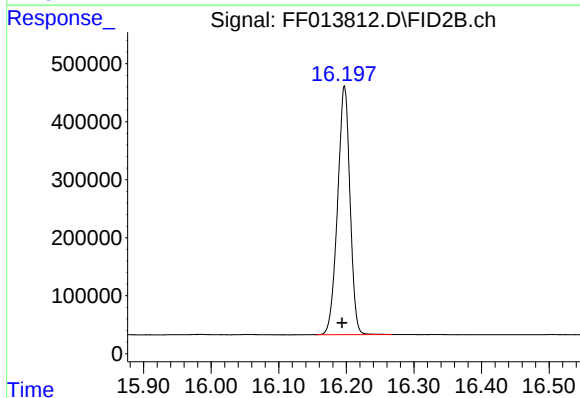
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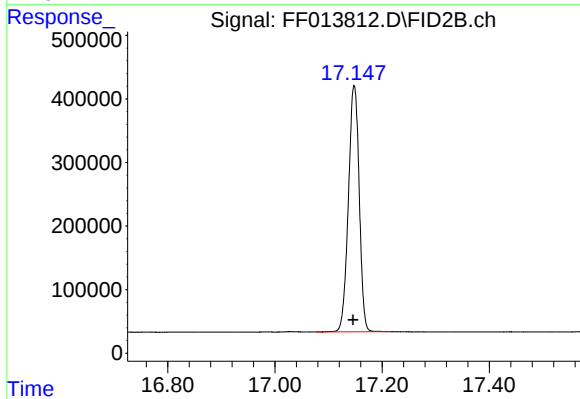
#10 N-TETRACOSANE

R.T.: 15.175 min
Delta R.T.: 0.002 min
Response: 5623155
Conc: 45.22 ug/ml



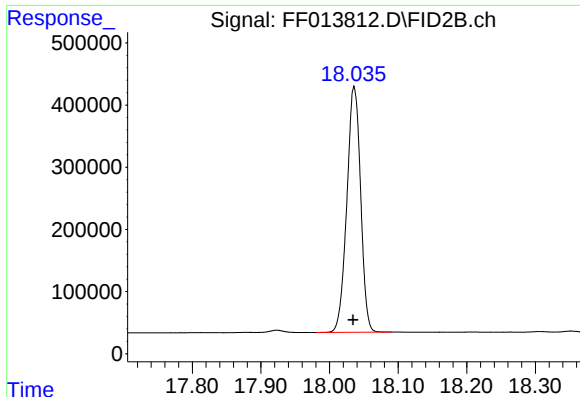
#11 N-HEXACOSANE

R.T.: 16.197 min
Delta R.T.: 0.003 min
Response: 5468237
Conc: 45.21 ug/ml



#12 N-OCTACOSANE

R.T.: 17.148 min
Delta R.T.: 0.002 min
Response: 5432710
Conc: 45.80 ug/ml



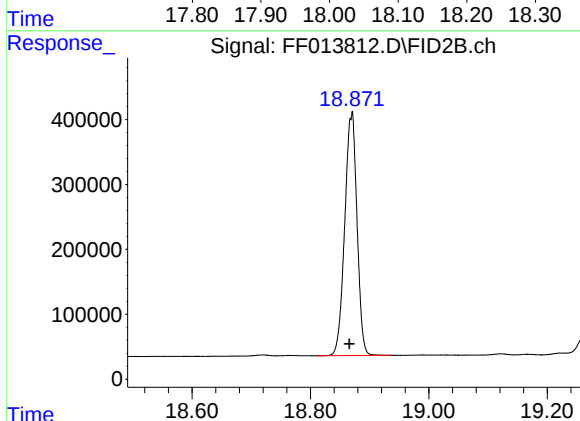
#13 N-TRIACONTANE

R.T.: 18.036 min
Delta R.T.: 0.002 min
Response: 5512067
Conc: 46.96 ug/ml

Instrument :
FID_F
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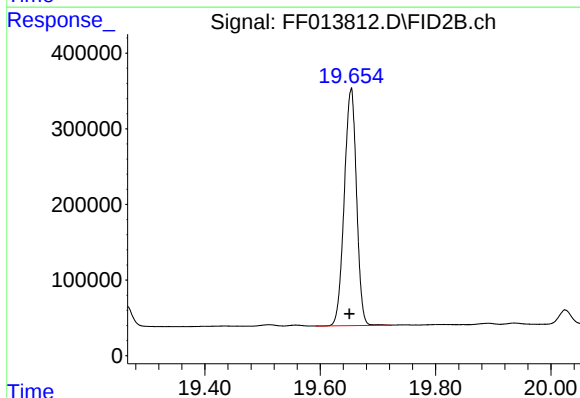
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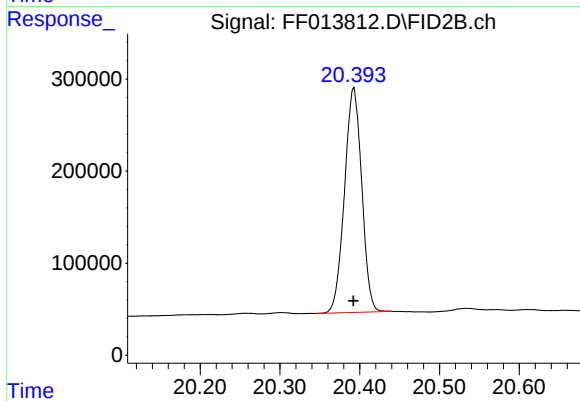
#14 N-DOTRIACONTANE

R.T.: 18.870 min
Delta R.T.: 0.004 min
Response: 5395921
Conc: 47.58 ug/ml



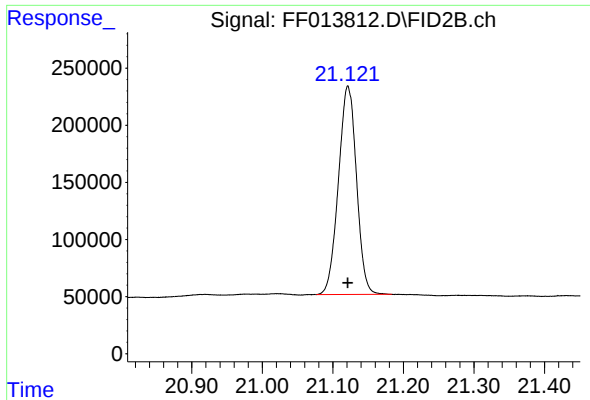
#15 N-TETRATRIACONTANE

R.T.: 19.654 min
Delta R.T.: 0.003 min
Response: 4617381
Conc: 47.10 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.392 min
Delta R.T.: 0.000 min
Response: 3661400
Conc: 45.50 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.121 min
Delta R.T.: 0.000 min
Response: 3248816
Conc: 43.62 ug/ml

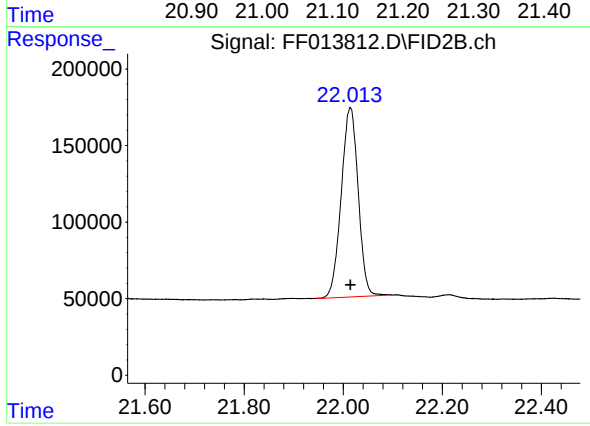
Instrument :

FID_F

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#18 N-TETRACONTANE

R.T.: 22.013 min
Delta R.T.: -0.001 min
Response: 2941327
Conc: 37.67 ug/ml m