

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031722\
 Data File : FF010048.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2022 10:49
 Operator : AJ\MA
 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 03/18/2022
 Supervised By :Ankita Jodhani 03/18/2022

Integration File: autoint1.e
 Quant Time: Mar 17 22:13:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031022.M
 Quant Title :
 QLast Update : Thu Mar 10 12:46:01 2022
 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...	14.698	7086528	47.253 ug/ml
Target Compounds			
1) N-OCTANE	2.335	7875752	47.519 ug/ml
2) N-DECANE	4.437	8075232	47.347 ug/ml
3) N-DODECANE	6.455	8139534	47.336 ug/ml
4) N-TETRADECANE	8.249	8243323	47.477 ug/ml
5) N-HEXADECANE	9.849	8290673	47.598 ug/ml
6) N-OCTADECANE	11.291	8508626	47.587 ug/ml
7) N-EICOSANE	12.601	8240514	47.457 ug/ml
8) N-DOCOSANE	13.798	8090790	47.321 ug/ml
10) N-TETRACOSANE	14.902	7971918	47.200 ug/ml
11) N-HEXACOSANE	15.924	7746756	46.915 ug/ml
12) N-OCTACOSANE	16.873	7525116	47.017 ug/ml
13) N-TRIACONTANE	17.762	7292596	47.478 ug/ml
14) N-DOTRIACONTANE	18.595	7084364	48.511 ug/ml
15) N-TETRATRIACONTANE	19.378	6919418	50.521 ug/mlm
16) N-HEXATRIACONTANE	20.119	6541107	52.606 ug/ml
17) N-OCTATRIACONTANE	20.858	5993393	53.822 ug/ml
18) N-TETRACONTANE	21.770	6064264	59.097 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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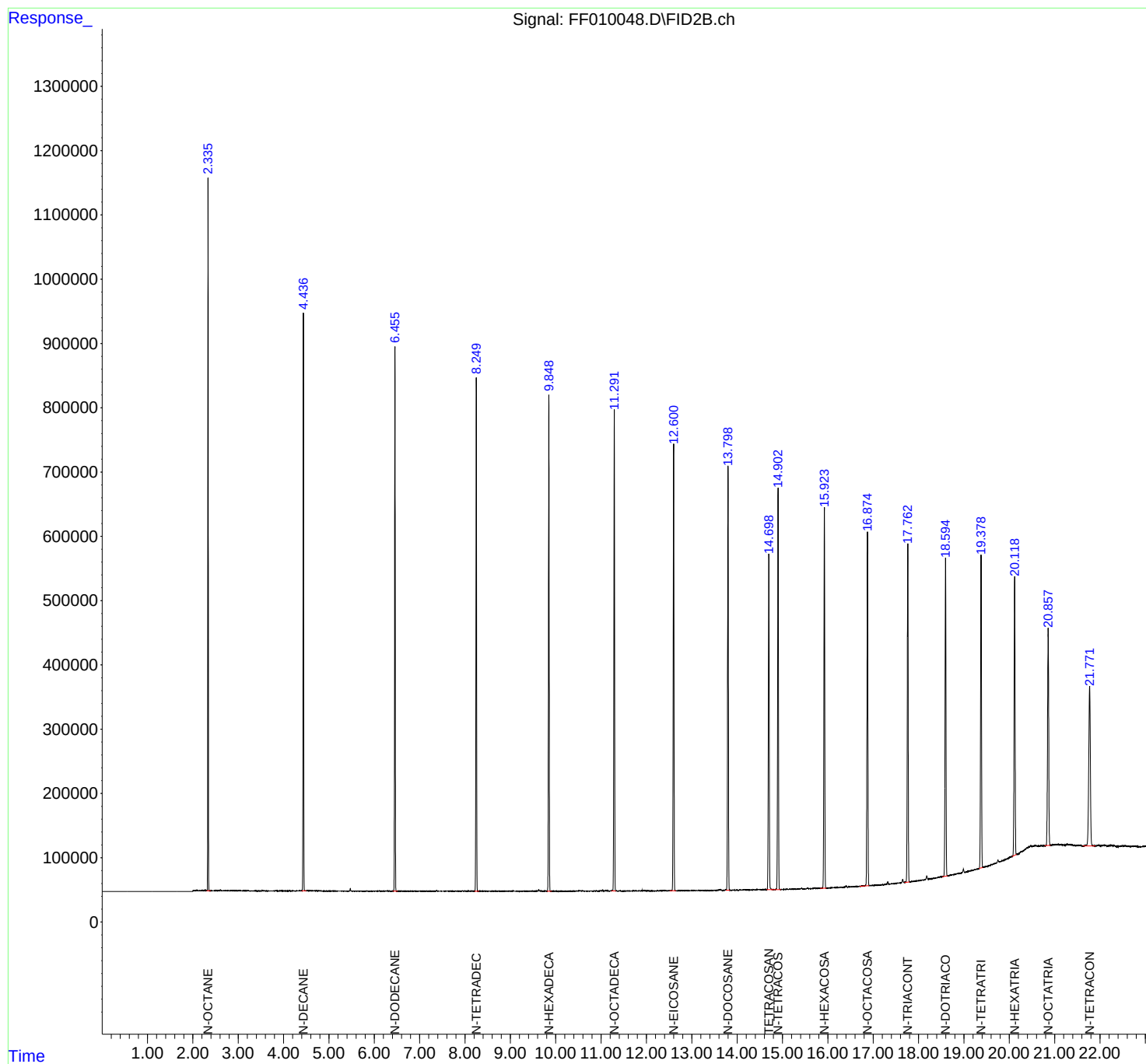
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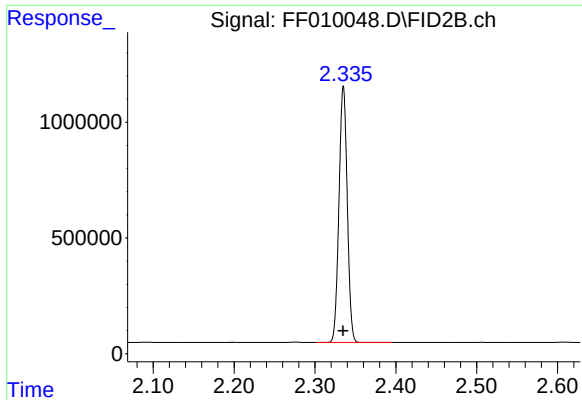
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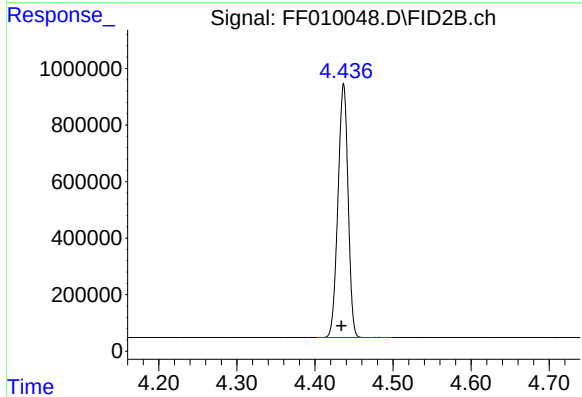
#1 N-OCTANE

R.T.: 2.335 min
Delta R.T.: 0.000 min
Response: 7875752
Conc: 47.52 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

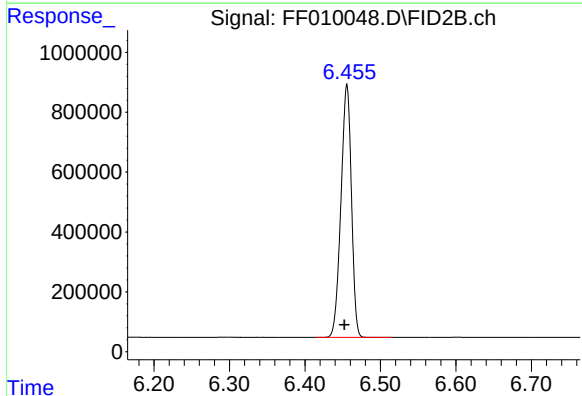
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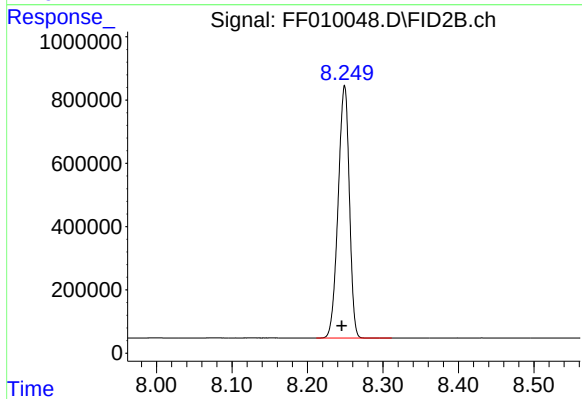
#2 N-DECANE

R.T.: 4.437 min
Delta R.T.: 0.003 min
Response: 8075232
Conc: 47.35 ug/ml



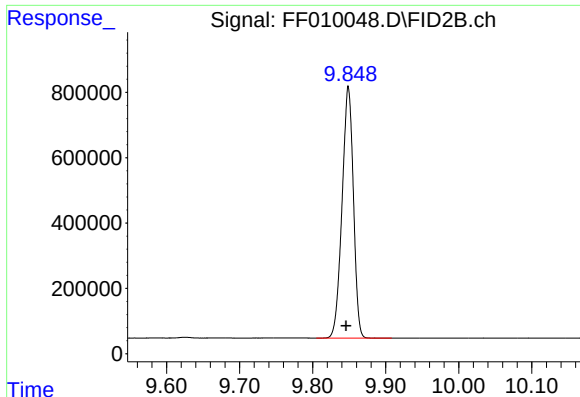
#3 N-DODECANE

R.T.: 6.455 min
Delta R.T.: 0.003 min
Response: 8139534
Conc: 47.34 ug/ml



#4 N-TETRADECANE

R.T.: 8.249 min
Delta R.T.: 0.003 min
Response: 8243323
Conc: 47.48 ug/ml



#5 N-HEXADECANE

R.T.: 9.849 min
Delta R.T.: 0.003 min
Response: 8290673
Conc: 47.60 ug/ml

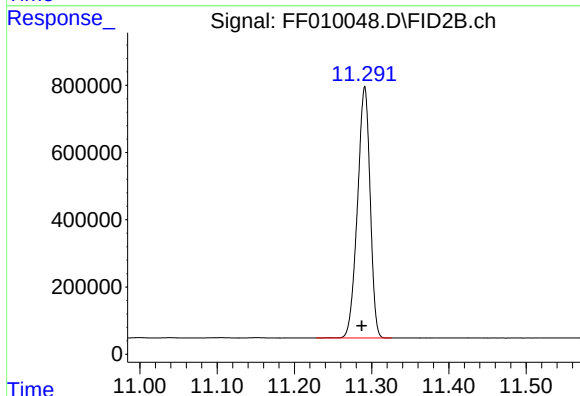
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

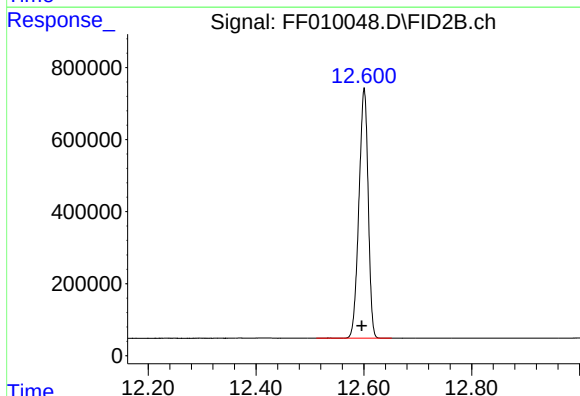
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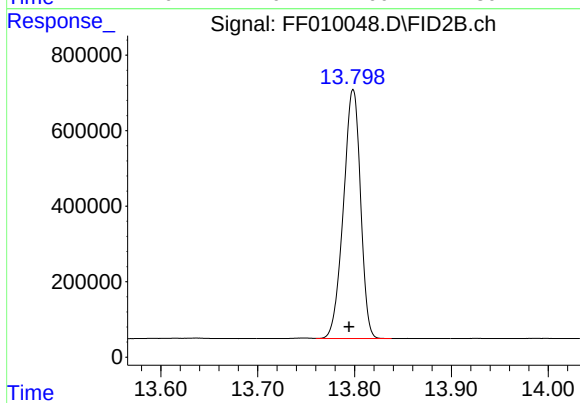
#6 N-OCTADECANE

R.T.: 11.291 min
Delta R.T.: 0.004 min
Response: 8508626
Conc: 47.59 ug/ml



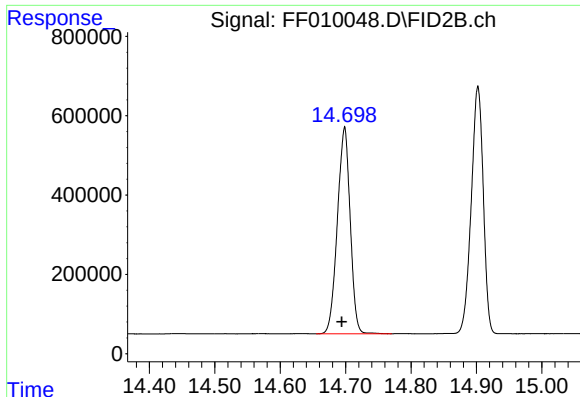
#7 N-EICOSANE

R.T.: 12.601 min
Delta R.T.: 0.005 min
Response: 8240514
Conc: 47.46 ug/ml



#8 N-DOCOSANE

R.T.: 13.798 min
Delta R.T.: 0.004 min
Response: 8090790
Conc: 47.32 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.698 min
Delta R.T.: 0.004 min
Response: 7086528
Conc: 47.25 ug/ml

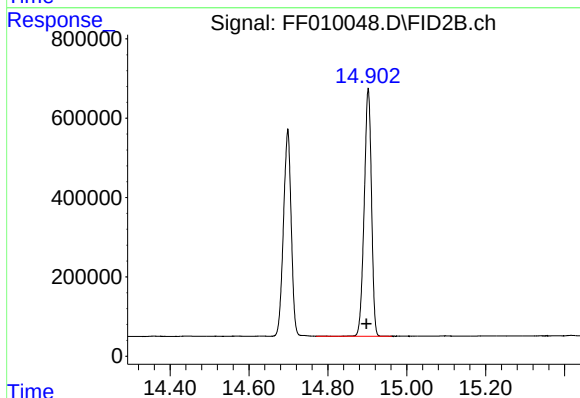
Instrument :

FID_F

ClientSampleId :
50 PPM TRPH STD

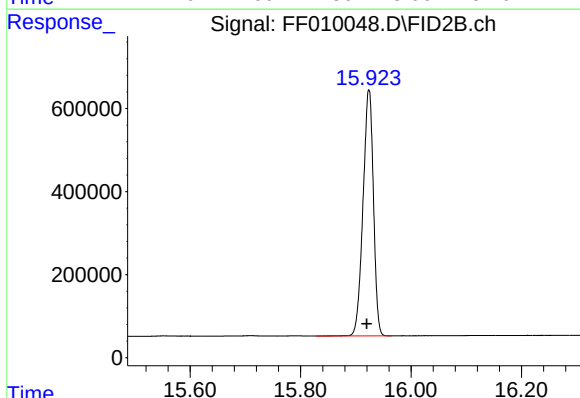
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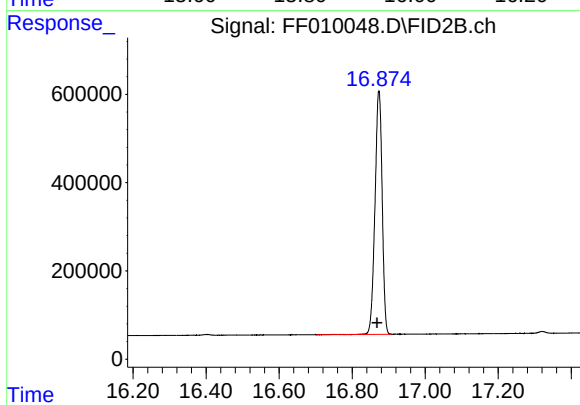
#10 N-TETRACOSANE

R.T.: 14.902 min
Delta R.T.: 0.005 min
Response: 7971918
Conc: 47.20 ug/ml



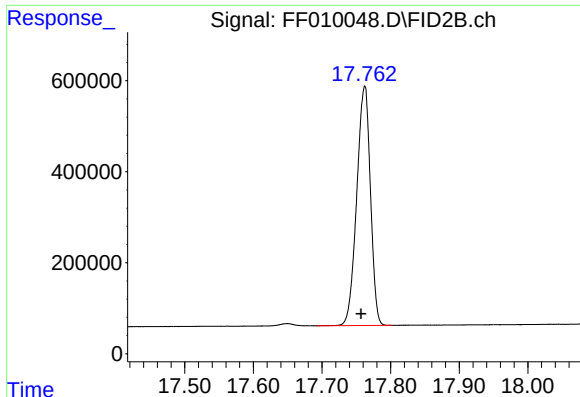
#11 N-HEXACOSANE

R.T.: 15.924 min
Delta R.T.: 0.004 min
Response: 7746756
Conc: 46.91 ug/ml



#12 N-OCTACOSANE

R.T.: 16.873 min
Delta R.T.: 0.005 min
Response: 7525116
Conc: 47.02 ug/ml



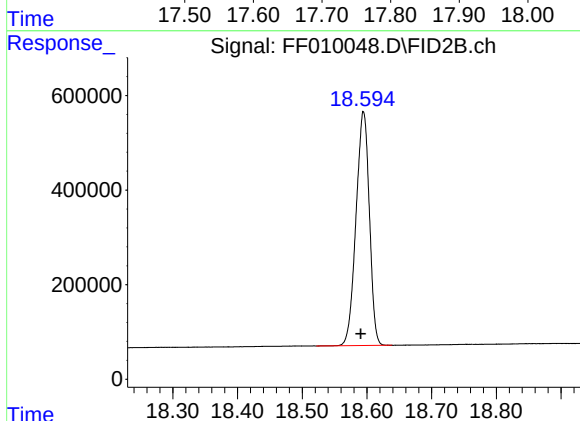
#13 N-TRIACONTANE

R.T.: 17.762 min
Delta R.T.: 0.005 min
Response: 7292596
Conc: 47.48 ug/ml

Instrument :
FID_F
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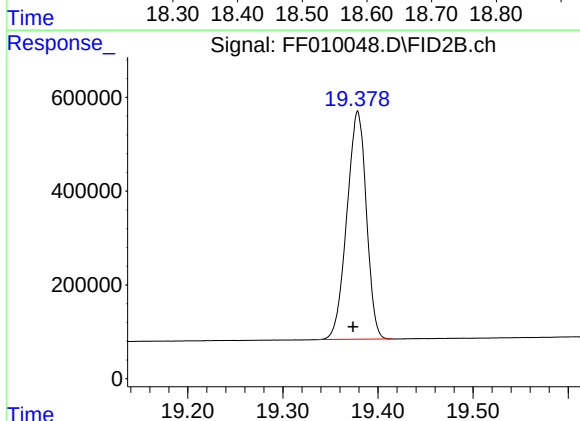
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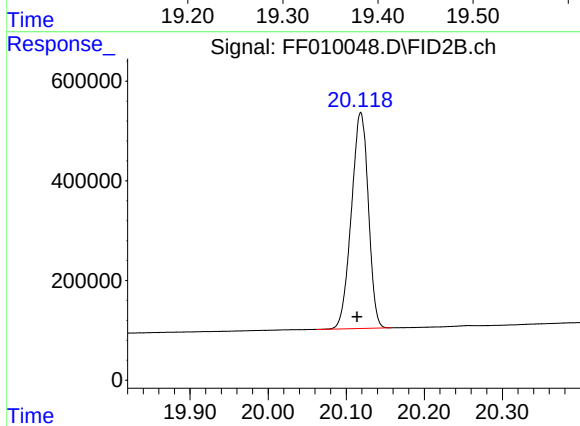
#14 N-DOTRIACONTANE

R.T.: 18.595 min
Delta R.T.: 0.004 min
Response: 7084364
Conc: 48.51 ug/ml



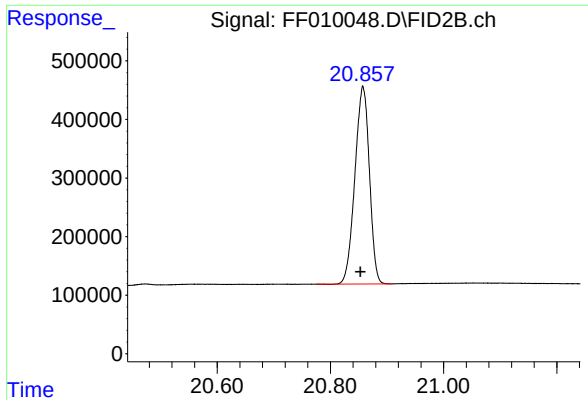
#15 N-TETRATRIACONTANE

R.T.: 19.378 min
Delta R.T.: 0.005 min
Response: 6919418
Conc: 50.52 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.119 min
Delta R.T.: 0.005 min
Response: 6541107
Conc: 52.61 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.858 min
Delta R.T.: 0.005 min
Response: 5993393
Conc: 53.82 ug/ml

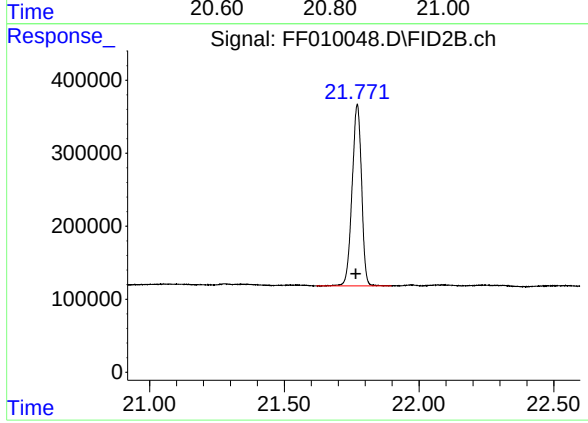
Instrument :

FID_F

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#18 N-TETRACONTANE

R.T.: 21.770 min
Delta R.T.: 0.005 min
Response: 6064264
Conc: 59.10 ug/ml