

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF060722\
 Data File : FF010728.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jun 2022 00:44
 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 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e
 Quant Time: Jun 08 01:39:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF060622.M
 Quant Title :
 QLast Update : Tue Jun 07 09:12:29 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...	14.827	5310000	46.976 ug/ml
Target Compounds			
1) N-OCTANE	1.877	5570599	47.673 ug/ml
2) N-DECANE	4.393	5807407	48.579 ug/ml
3) N-DODECANE	6.560	5865694	48.266 ug/ml
4) N-TETRADECANE	8.383	5945865	47.960 ug/ml
5) N-HEXADECANE	9.986	5994971	47.945 ug/ml
6) N-OCTADECANE	11.426	6106139	47.718 ug/ml
7) N-EICOSANE	12.734	5996171	47.414 ug/ml
8) N-DOCOSANE	13.930	5958475	47.179 ug/ml
10) N-TETRACOSANE	15.031	5857111	46.728 ug/ml
11) N-HEXACOSANE	16.050	5785865	45.677 ug/ml
12) N-OCTACOSANE	16.998	5649832	46.296 ug/ml
13) N-TRIACONTANE	17.883	5630457	45.941 ug/ml
14) N-DOTRIACONTANE	18.713	5277861	43.495 ug/ml
15) N-TETRATRIACONTANE	19.493	4991789	48.031 ug/mlm
16) N-HEXATRIACONTANE	20.232	4013463	46.669 ug/mlm
17) N-OCTATRIACONTANE	20.937	3757822	49.069 ug/mlm
18) N-TETRACONTANE	21.764	3660952	46.854 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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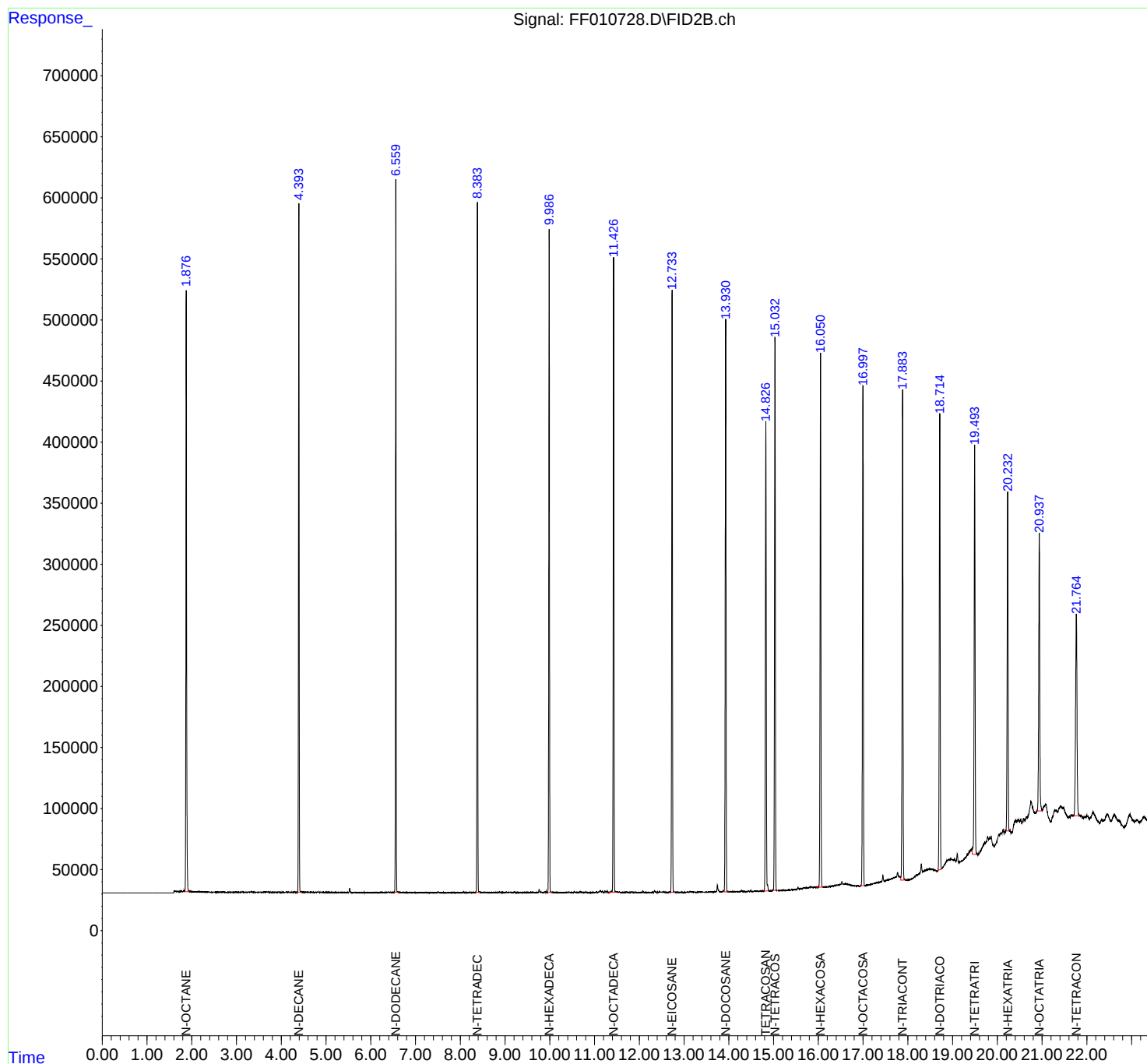
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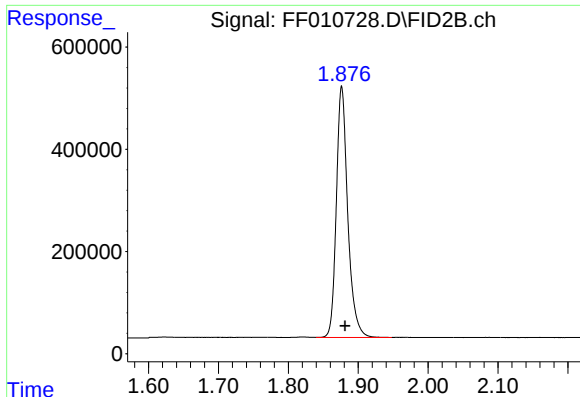
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#1 N-OCTANE

R.T.: 1.877 min
Delta R.T.: -0.004 min
Response: 5570599
Conc: 47.67 ug/ml

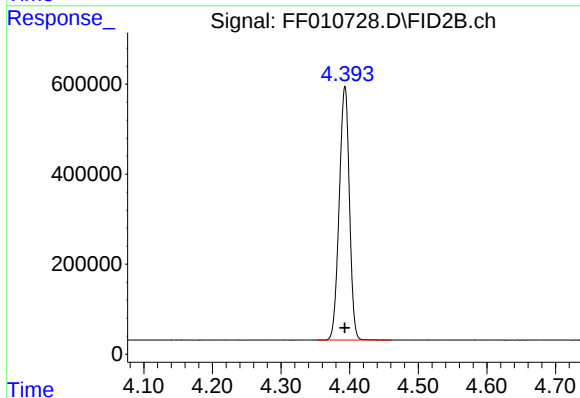
Instrument :

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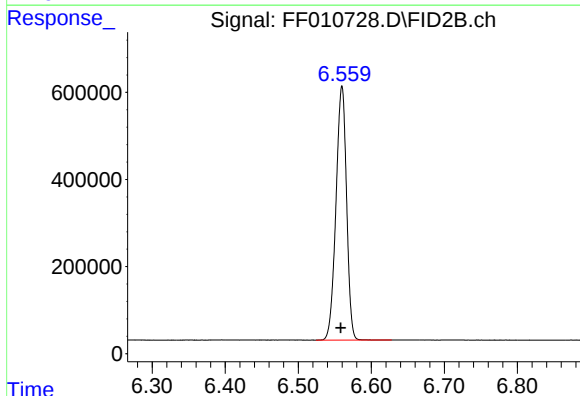
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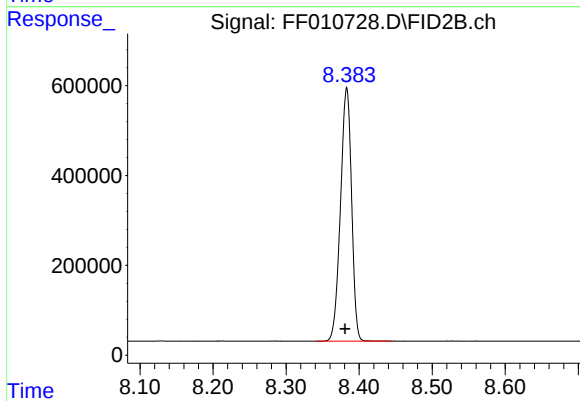
#2 N-DECANE

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 5807407
Conc: 48.58 ug/ml



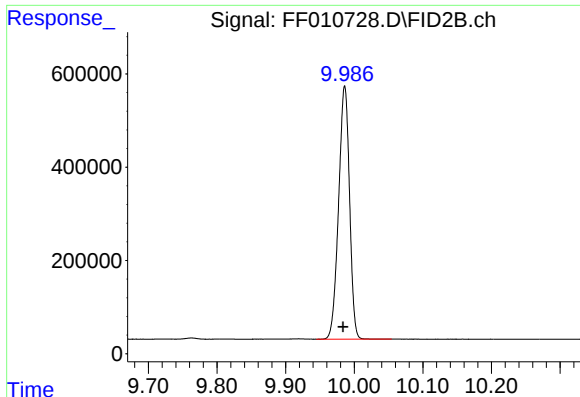
#3 N-DODECANE

R.T.: 6.560 min
Delta R.T.: 0.002 min
Response: 5865694
Conc: 48.27 ug/ml



#4 N-TETRADECANE

R.T.: 8.383 min
Delta R.T.: 0.002 min
Response: 5945865
Conc: 47.96 ug/ml



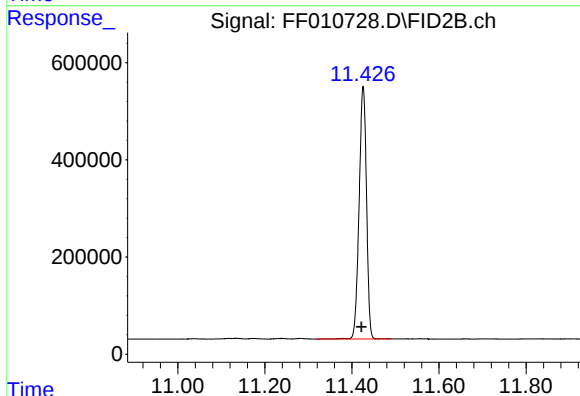
#5 N-HEXADECANE

R.T.: 9.986 min
Delta R.T.: 0.002 min
Response: 5994971
Conc: 47.95 ug/ml

Instrument :
FID_F
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50 PPM TRPH STD

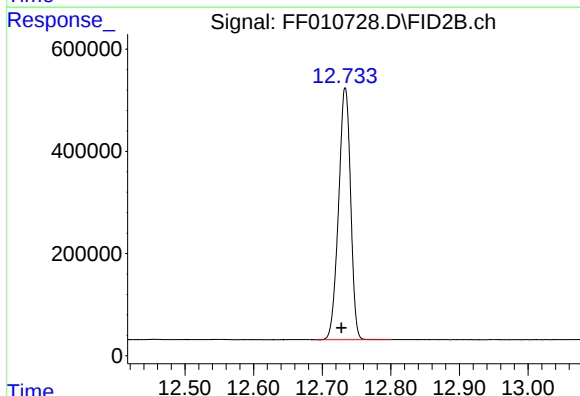
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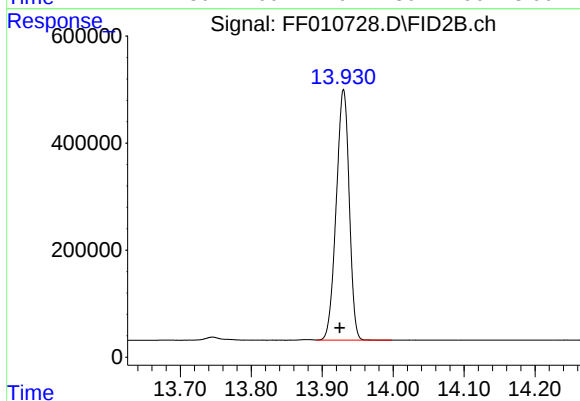
#6 N-OCTADECANE

R.T.: 11.426 min
Delta R.T.: 0.003 min
Response: 6106139
Conc: 47.72 ug/ml



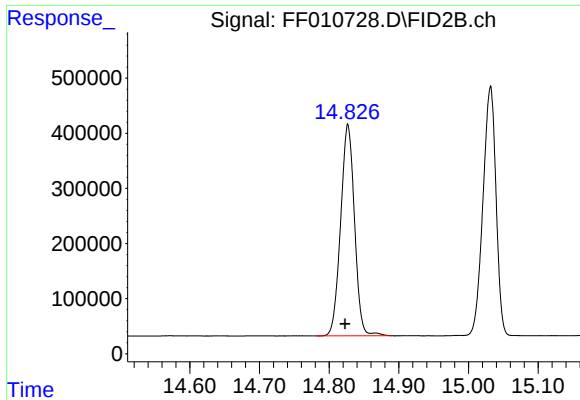
#7 N-EICOSANE

R.T.: 12.734 min
Delta R.T.: 0.005 min
Response: 5996171
Conc: 47.41 ug/ml



#8 N-DOCOSANE

R.T.: 13.930 min
Delta R.T.: 0.005 min
Response: 5958475
Conc: 47.18 ug/ml



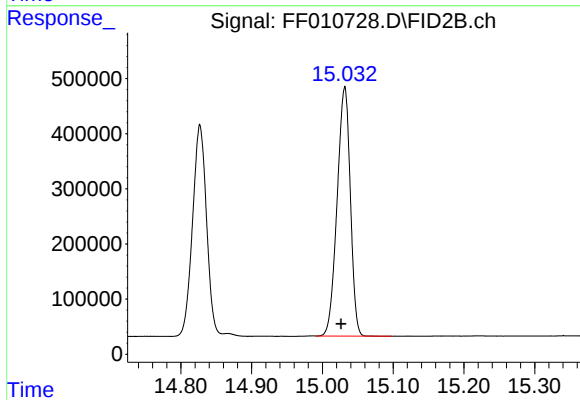
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.827 min
Delta R.T.: 0.004 min
Response: 5310000
Conc: 46.98 ug/ml

Instrument :
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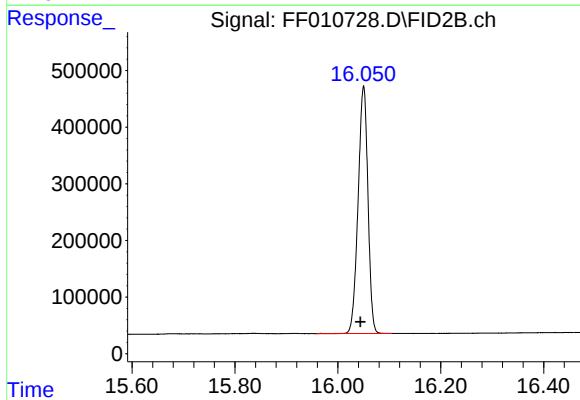
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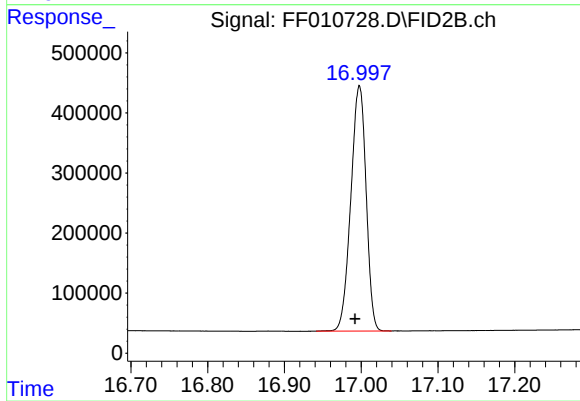
#10 N-TETRACOSANE

R.T.: 15.031 min
Delta R.T.: 0.005 min
Response: 5857111
Conc: 46.73 ug/ml



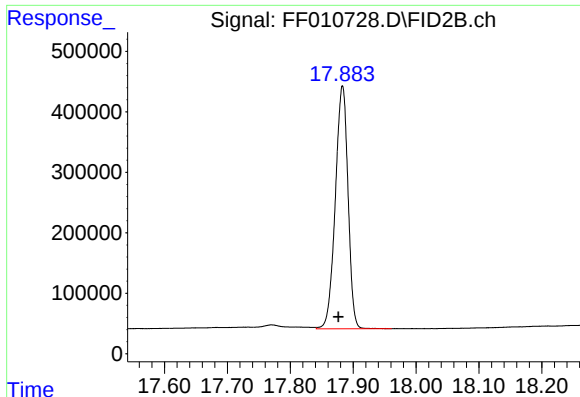
#11 N-HEXACOSANE

R.T.: 16.050 min
Delta R.T.: 0.006 min
Response: 5785865
Conc: 45.68 ug/ml



#12 N-OCTACOSANE

R.T.: 16.998 min
Delta R.T.: 0.005 min
Response: 5649832
Conc: 46.30 ug/ml



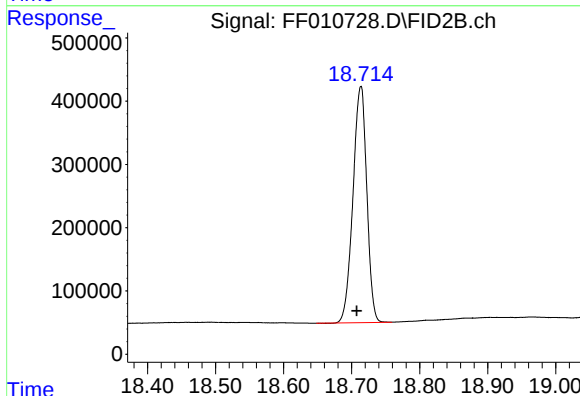
#13 N-TRIACONTANE

R.T.: 17.883 min
Delta R.T.: 0.006 min
Response: 5630457
Conc: 45.94 ug/ml

Instrument :
FID_F
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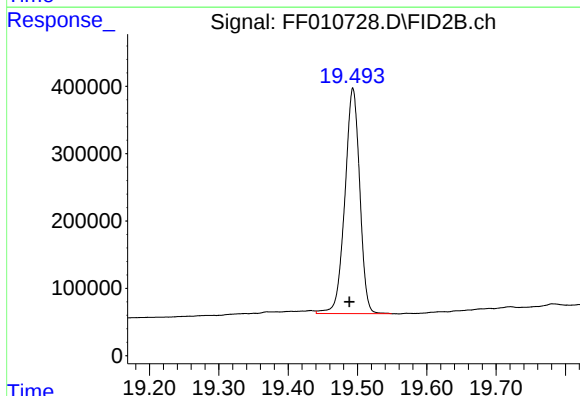
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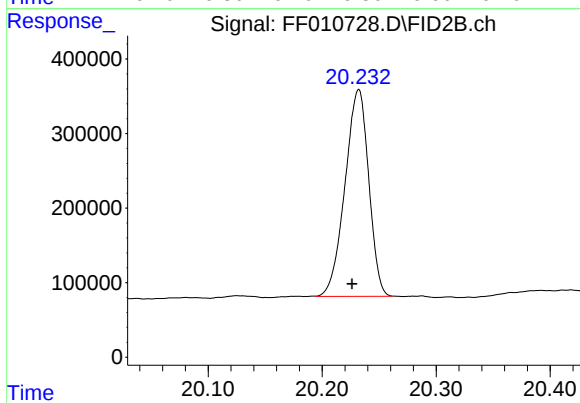
#14 N-DOTRIACONTANE

R.T.: 18.713 min
Delta R.T.: 0.005 min
Response: 5277861
Conc: 43.49 ug/ml



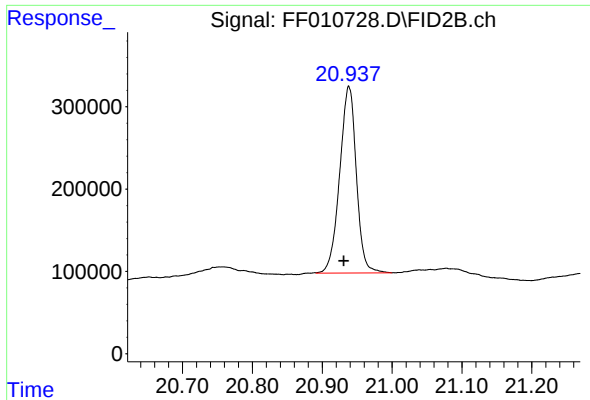
#15 N-TETRATRIACONTANE

R.T.: 19.493 min
Delta R.T.: 0.004 min
Response: 4991789
Conc: 48.03 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.232 min
Delta R.T.: 0.006 min
Response: 4013463
Conc: 46.67 ug/ml m



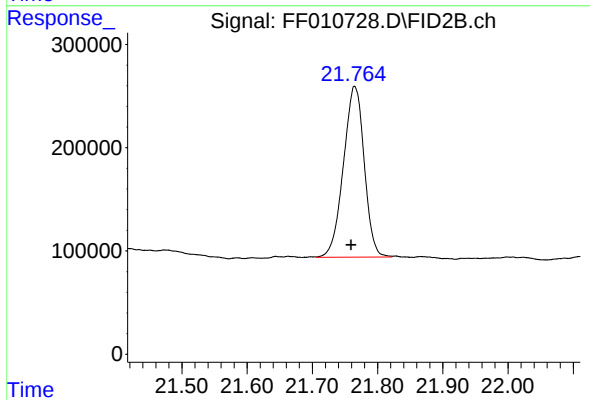
#17 N-OCTATRIACONTANE

R.T.: 20.937 min
Delta R.T.: 0.006 min
Response: 3757822
Conc: 49.07 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.764 min
Delta R.T.: 0.004 min
Response: 3660952
Conc: 46.85 ug/ml m