

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121423\
 Data File : FF013869.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2023 21:36
 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 12/15/2023
 Supervised By :Ankita Jodhani 12/15/2023

Integration File: autoint1.e
 Quant Time: Dec 14 23:29:59 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	5560116	47.051 ug/ml
Target Compounds			
1) N-OCTANE	1.994	4718884	39.334 ug/ml
2) N-DECANE	4.518	5708001	45.558 ug/ml
3) N-DODECANE	6.684	5918375	46.223 ug/ml
4) N-TETRADECANE	8.511	6012130	46.698 ug/ml
5) N-HEXADECANE	10.118	6174528	46.934 ug/ml
6) N-OCTADECANE	11.560	6204546	47.094 ug/ml
7) N-EICOSANE	12.872	6169340	47.350 ug/ml
8) N-DOCOSANE	14.071	5953803	47.390 ug/ml
10) N-TETRACOSANE	15.175	5930924	47.700 ug/ml
11) N-HEXACOSANE	16.197	5765327	47.667 ug/ml
12) N-OCTACOSANE	17.147	5737652	48.366 ug/ml
13) N-TRIACONTANE	18.037	5942563	50.630 ug/ml
14) N-DOTRIACONTANE	18.869	5994091	52.858 ug/mlm
15) N-TETRATRIACONTANE	19.652	5015404	51.165 ug/mlm
16) N-HEXATRIACONTANE	20.392	4010966	49.842 ug/ml
17) N-OCTATRIACONTANE	21.121	3592569	48.240 ug/mlm
18) N-TETRACONTANE	22.011	3491992	44.717 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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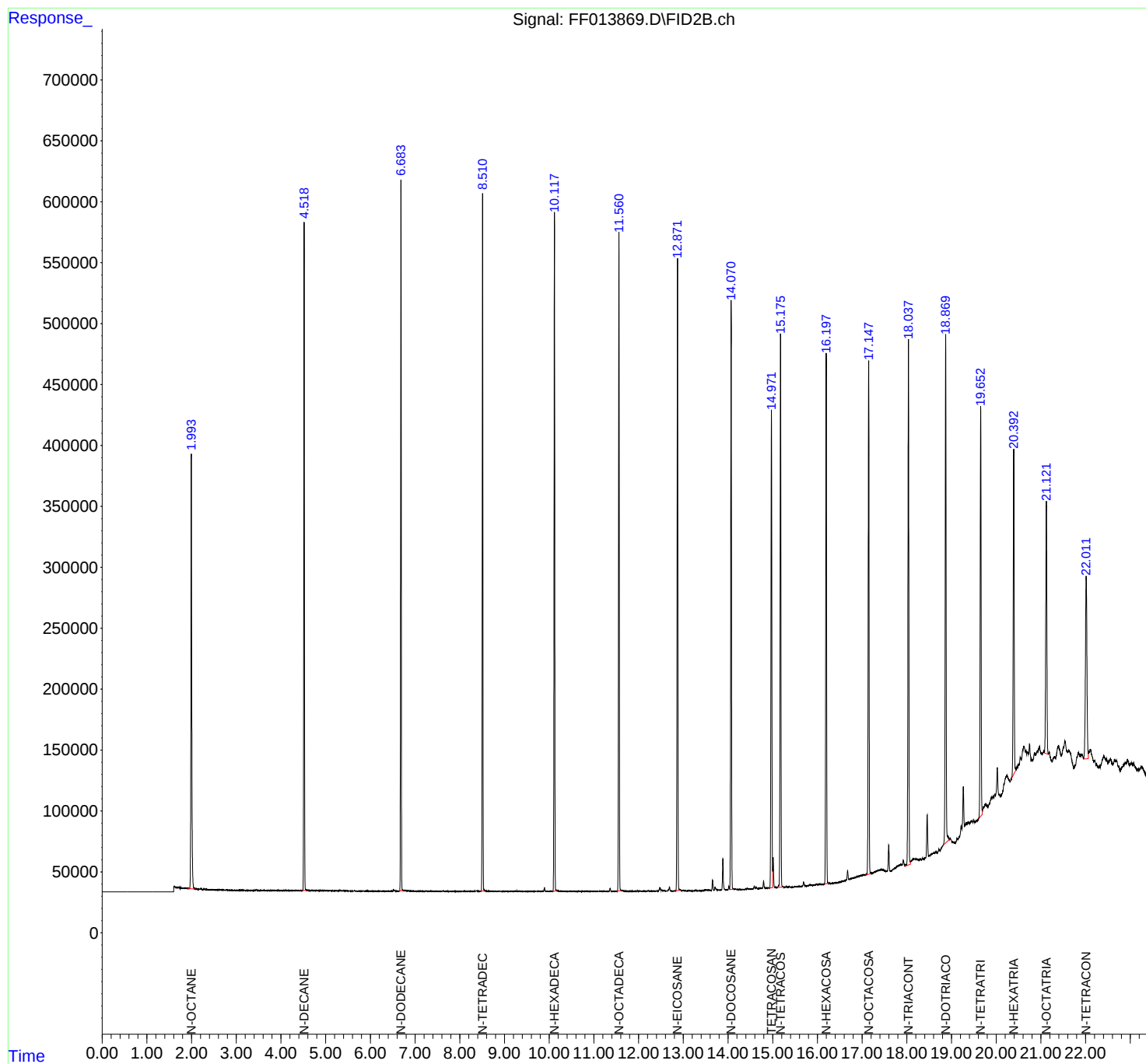
Instrument :
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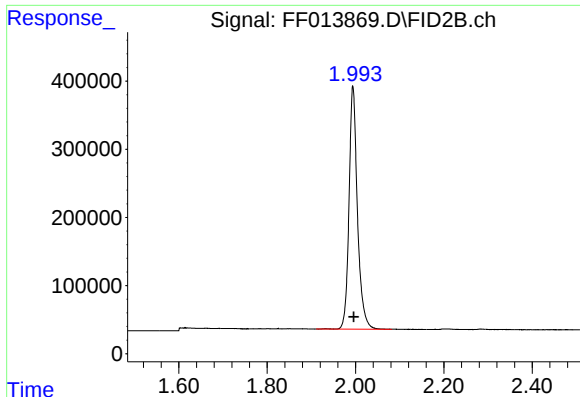
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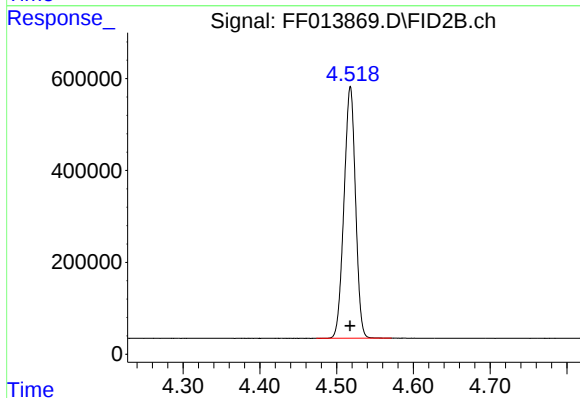
#1 N-OCTANE

R.T.: 1.994 min
Delta R.T.: -0.002 min
Response: 4718884
Conc: 39.33 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

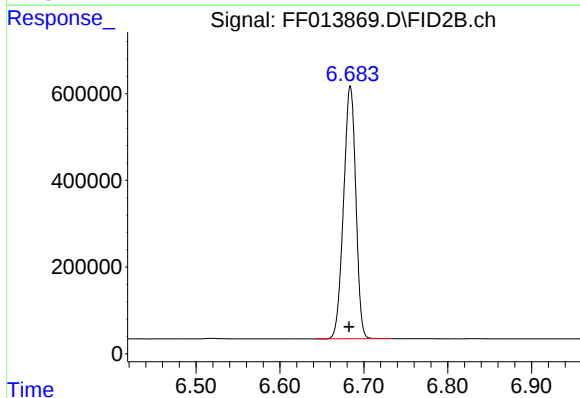
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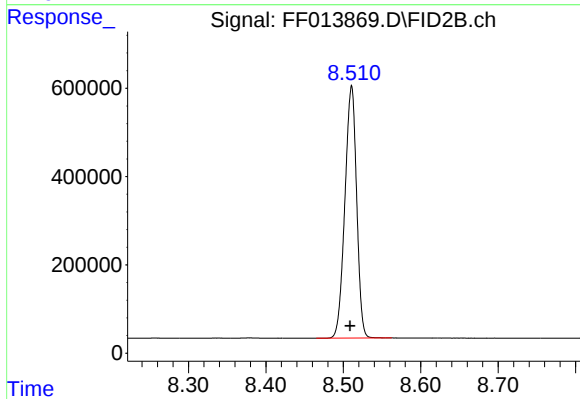
#2 N-DECANE

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 5708001
Conc: 45.56 ug/ml



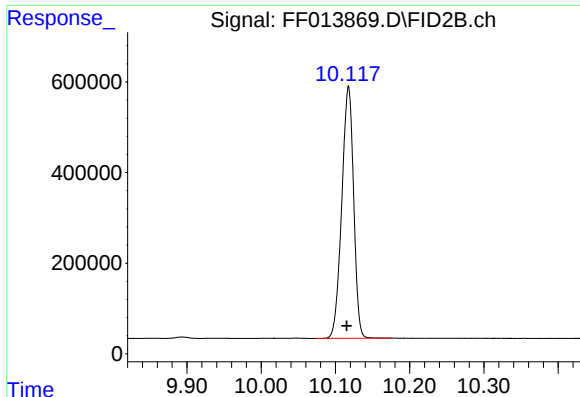
#3 N-DODECANE

R.T.: 6.684 min
Delta R.T.: 0.002 min
Response: 5918375
Conc: 46.22 ug/ml



#4 N-TETRADECANE

R.T.: 8.511 min
Delta R.T.: 0.002 min
Response: 6012130
Conc: 46.70 ug/ml



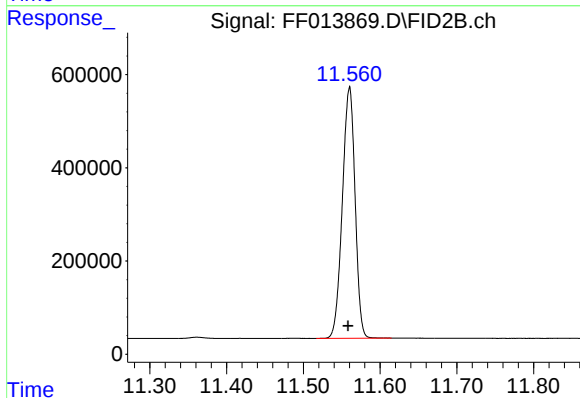
#5 N-HEXADECANE

R.T.: 10.118 min
Delta R.T.: 0.002 min
Response: 6174528
Conc: 46.93 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

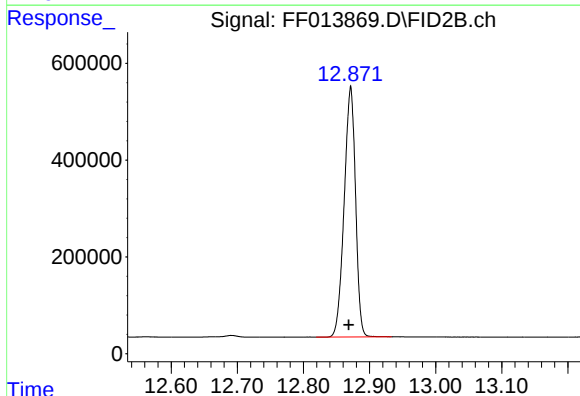
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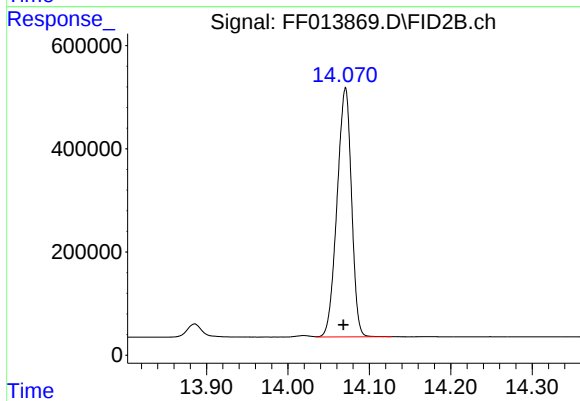
#6 N-OCTADECANE

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 6204546
Conc: 47.09 ug/ml



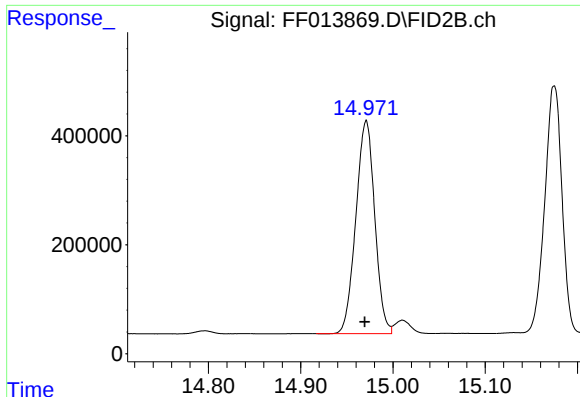
#7 N-EICOSANE

R.T.: 12.872 min
Delta R.T.: 0.003 min
Response: 6169340
Conc: 47.35 ug/ml



#8 N-DOCOSANE

R.T.: 14.071 min
Delta R.T.: 0.003 min
Response: 5953803
Conc: 47.39 ug/ml



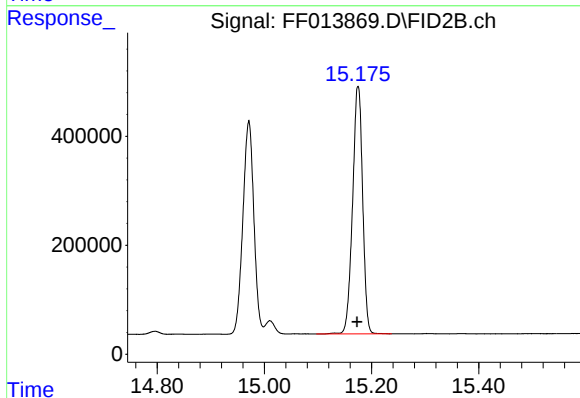
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.971 min
Delta R.T.: 0.002 min
Response: 5560116
Conc: 47.05 ug/ml

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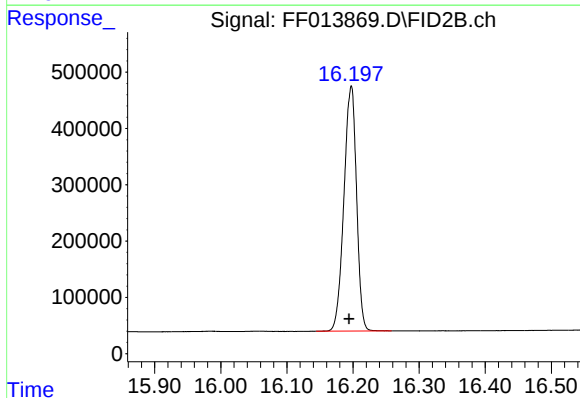
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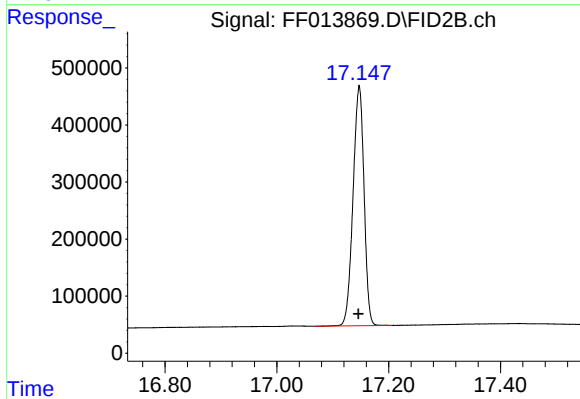
#10 N-TETRACOSANE

R.T.: 15.175 min
Delta R.T.: 0.002 min
Response: 5930924
Conc: 47.70 ug/ml



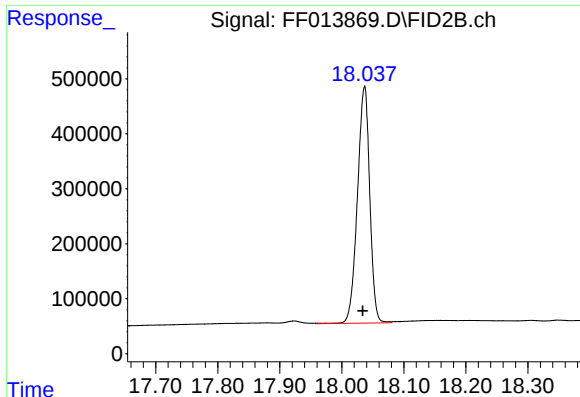
#11 N-HEXACOSANE

R.T.: 16.197 min
Delta R.T.: 0.004 min
Response: 5765327
Conc: 47.67 ug/ml



#12 N-OCTACOSANE

R.T.: 17.147 min
Delta R.T.: 0.002 min
Response: 5737652
Conc: 48.37 ug/ml



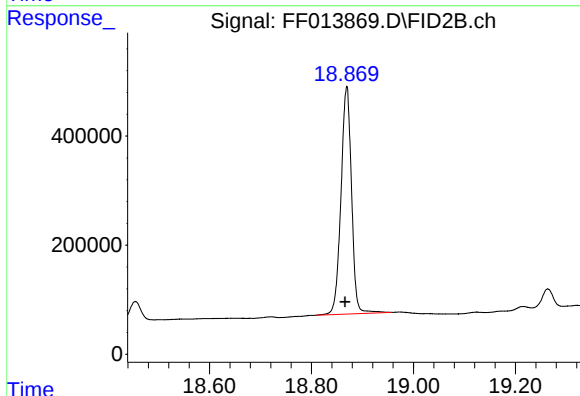
#13 N-TRIACONTANE

R.T.: 18.037 min
Delta R.T.: 0.003 min
Response: 5942563
Conc: 50.63 ug/ml

Instrument :
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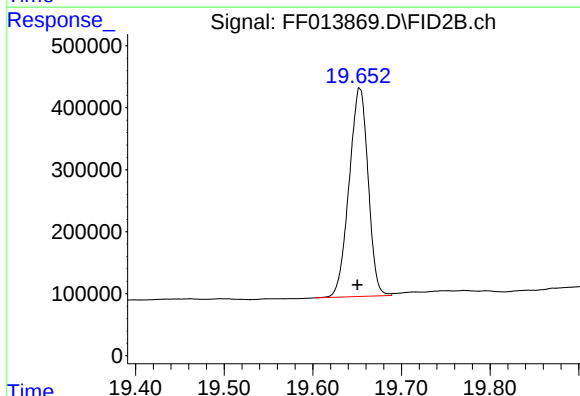
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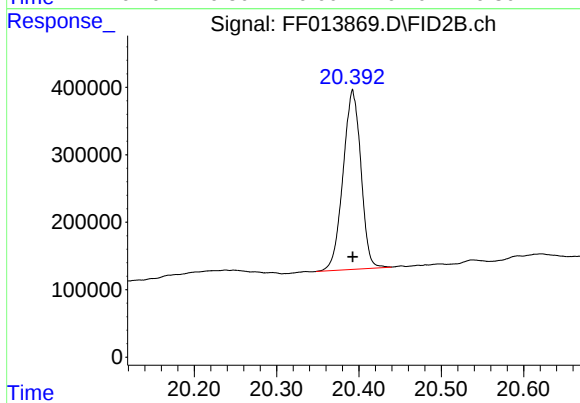
#14 N-DOTRIACONTANE

R.T.: 18.869 min
Delta R.T.: 0.003 min
Response: 5994091
Conc: 52.86 ug/ml m



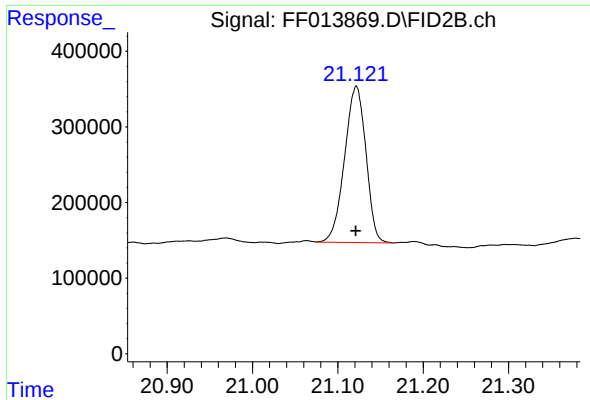
#15 N-TETRATRIACONTANE

R.T.: 19.652 min
Delta R.T.: 0.001 min
Response: 5015404
Conc: 51.17 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.392 min
Delta R.T.: 0.000 min
Response: 4010966
Conc: 49.84 ug/ml



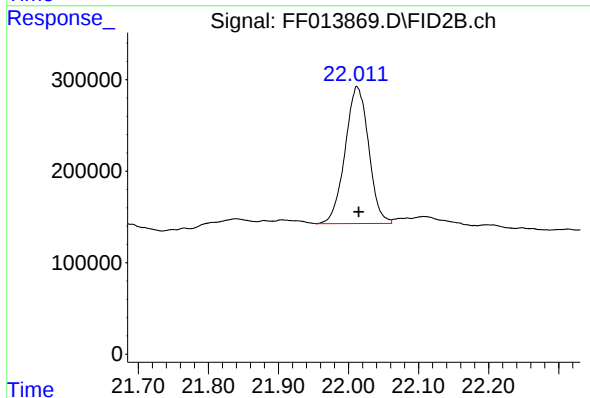
#17 N-OCTATRIACONTANE

R.T.: 21.121 min
Delta R.T.: 0.000 min
Response: 3592569
Conc: 48.24 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.011 min
Delta R.T.: -0.004 min
Response: 3491992
Conc: 44.72 ug/ml m