

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121021\
 Data File : FF009351.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2021 17:13
 Operator : AJ\MA
 Sample : PB141322BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB141322BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/11/2021
 Supervised By :Sohil Jodhani 12/22/2021

Integration File: autoint1.e
 Quant Time: Dec 10 23:11:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:27:43 2021
 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...	14.681	2458086	20.347 ug/ml
Target Compounds			
1) N-OCTANE	2.340	2388427	17.437 ug/ml
2) N-DECANE	4.431	2599213	18.973 ug/ml
3) N-DODECANE	6.447	2720763	19.572 ug/ml
4) N-TETRADECANE	8.240	2801232	19.712 ug/ml
5) N-HEXADECANE	9.838	2742138	19.425 ug/ml
6) N-OCTADECANE	11.279	2842090	19.884 ug/ml
7) N-EICOSANE	12.586	2784703	19.560 ug/ml
8) N-DOCOSANE	13.783	2698757	19.470 ug/ml
10) N-TETRACOSANE	14.885	2561033	18.716 ug/ml
11) N-HEXACOSANE	15.905	2380407	17.998 ug/ml
12) N-OCTACOSANE	16.852	2203426	17.299 ug/ml
13) N-TRIACONTANE	17.737	1987787	16.237 ug/ml
14) N-DOTRIACONTANE	18.567	1662467	14.476 ug/ml
15) N-TETRATRIACONTANE	19.349	1205256	11.225 ug/ml
16) N-HEXATRIACONTANE	20.088	900669	8.991 ug/mlm
17) N-OCTATRIACONTANE	20.821	636505	6.889 ug/mlm
18) N-TETRACONTANE	21.729	456831	4.886 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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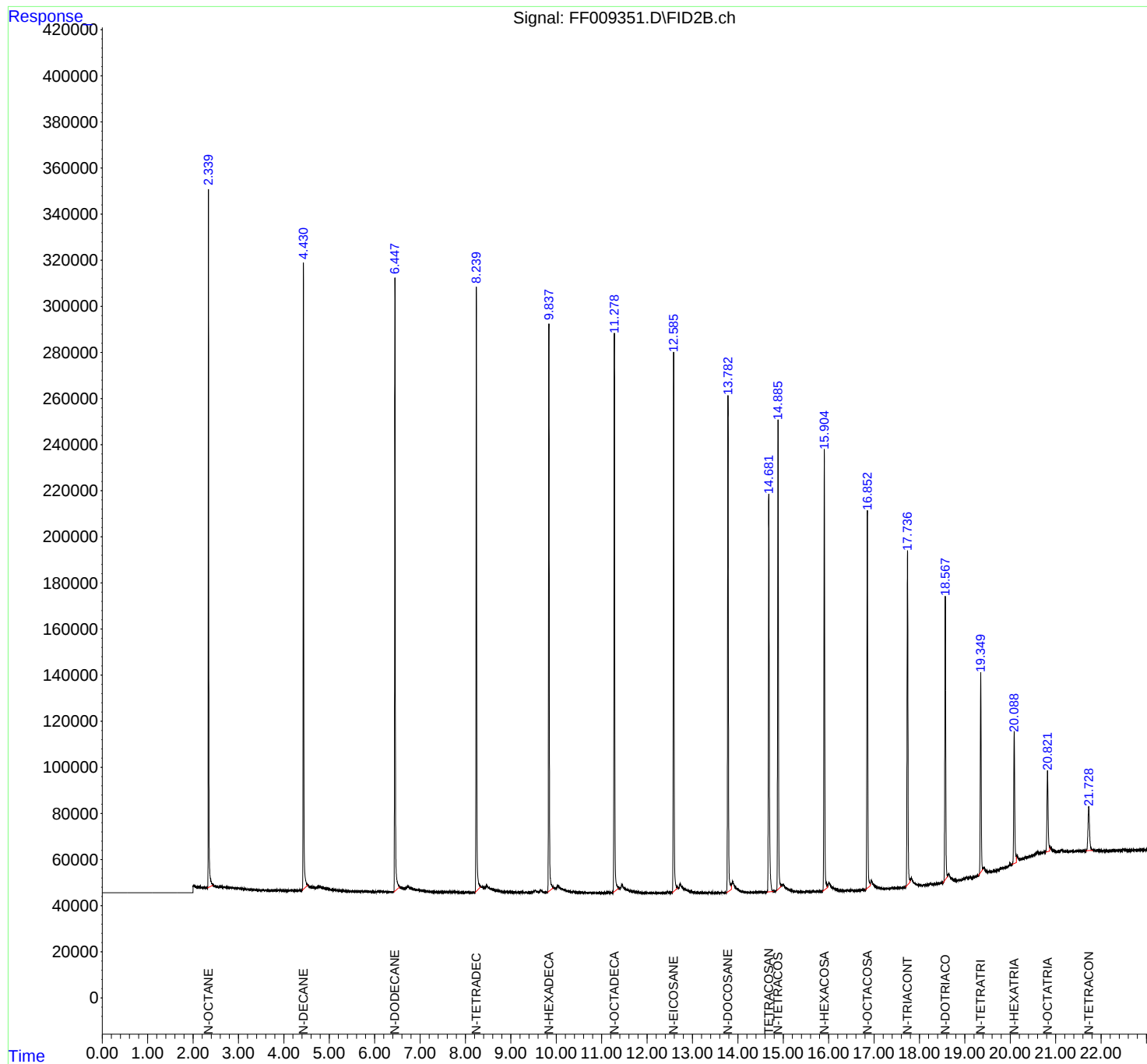
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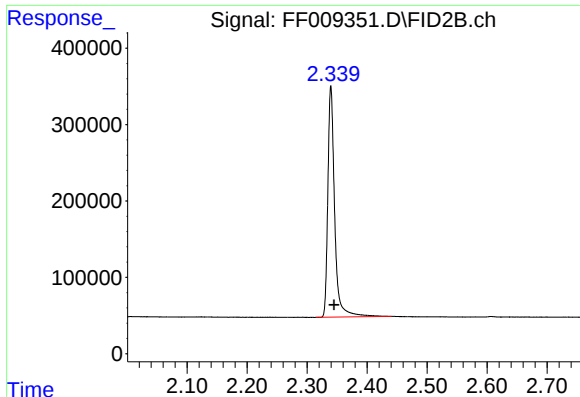
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#1 N-OCTANE

R.T.: 2.340 min
Delta R.T.: -0.005 min
Response: 2388427
Conc: 17.44 ug/ml

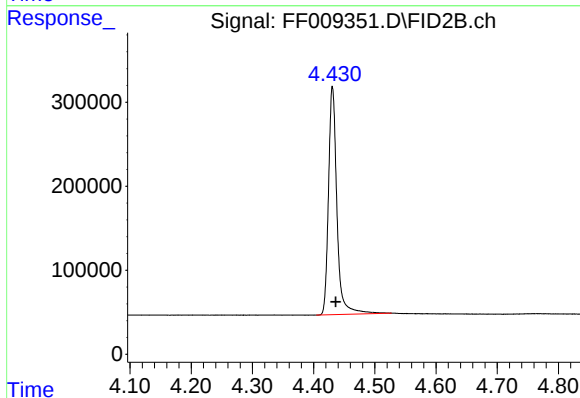
Instrument :

FID_F

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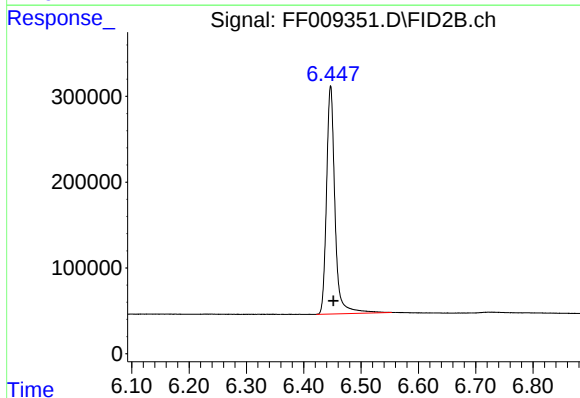
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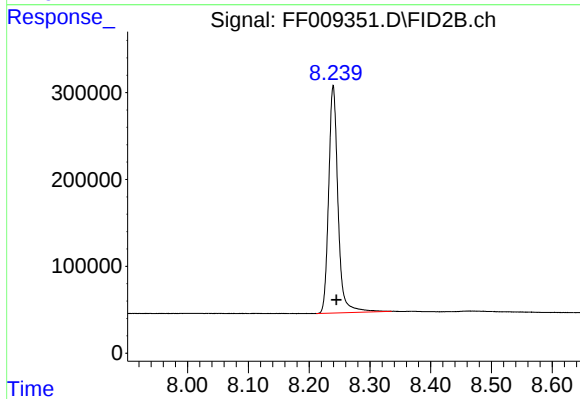
#2 N-DECANE

R.T.: 4.431 min
Delta R.T.: -0.005 min
Response: 2599213
Conc: 18.97 ug/ml



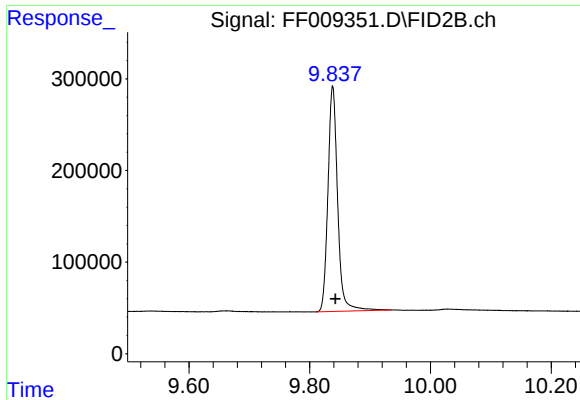
#3 N-DODECANE

R.T.: 6.447 min
Delta R.T.: -0.005 min
Response: 2720763
Conc: 19.57 ug/ml



#4 N-TETRADECANE

R.T.: 8.240 min
Delta R.T.: -0.005 min
Response: 2801232
Conc: 19.71 ug/ml



#5 N-HEXADECANE

R.T.: 9.838 min
Delta R.T.: -0.005 min
Response: 2742138
Conc: 19.43 ug/ml

Instrument :

FID_F

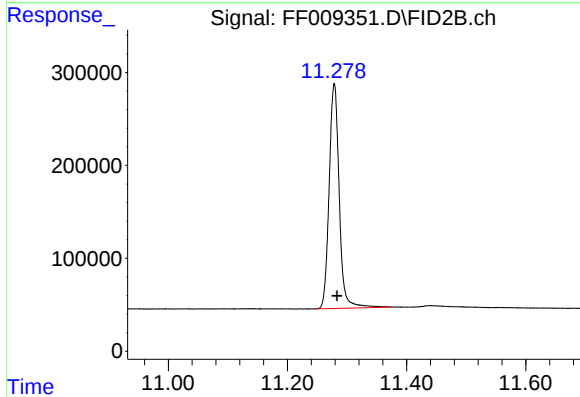
ClientSampleId :

PB141322BS

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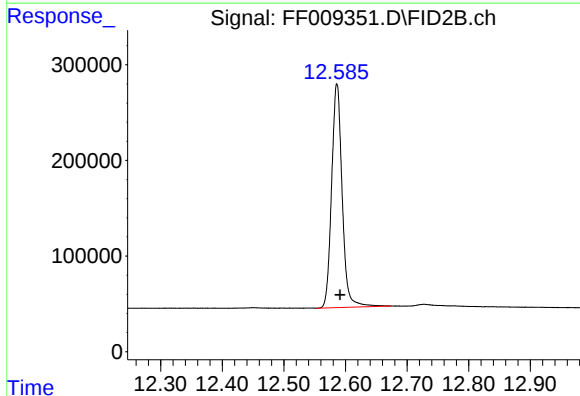
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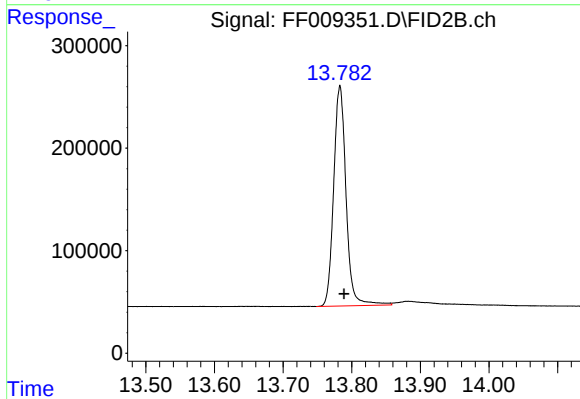
#6 N-OCTADECANE

R.T.: 11.279 min
Delta R.T.: -0.004 min
Response: 2842090
Conc: 19.88 ug/ml



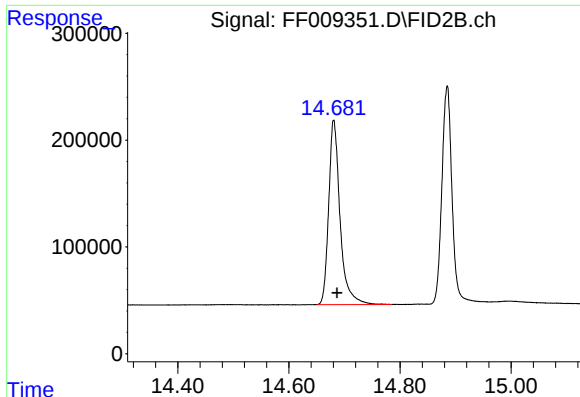
#7 N-EICOSANE

R.T.: 12.586 min
Delta R.T.: -0.005 min
Response: 2784703
Conc: 19.56 ug/ml



#8 N-DOCOSANE

R.T.: 13.783 min
Delta R.T.: -0.006 min
Response: 2698757
Conc: 19.47 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.681 min
Delta R.T.: -0.006 min
Response: 2458086
Conc: 20.35 ug/ml

Instrument :

FID_F

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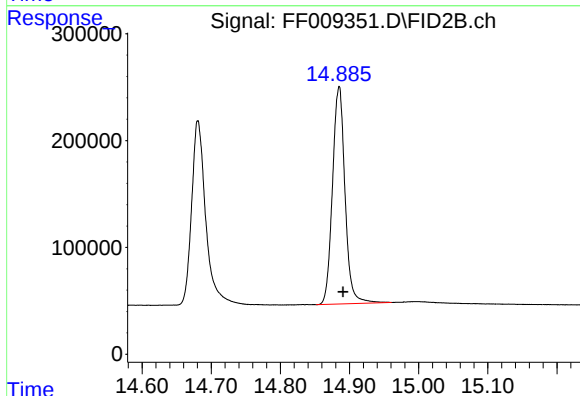
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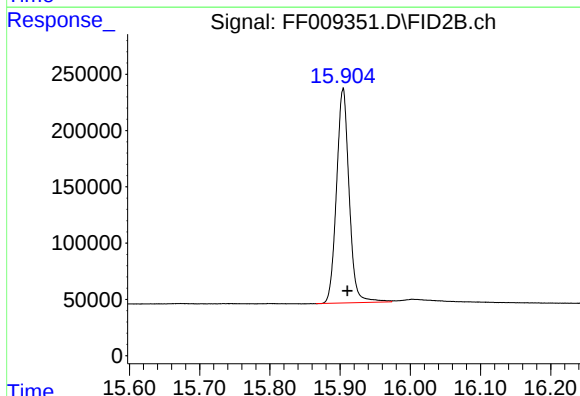
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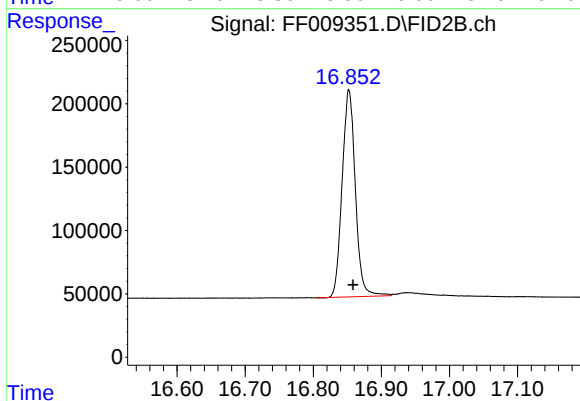
#10 N-TETRACOSANE

R.T.: 14.885 min
Delta R.T.: -0.006 min
Response: 2561033
Conc: 18.72 ug/ml



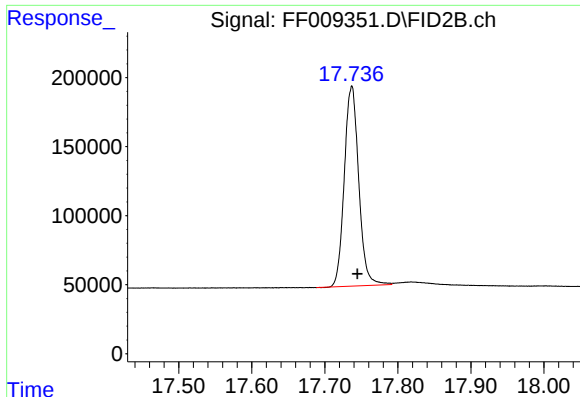
#11 N-HEXACOSANE

R.T.: 15.905 min
Delta R.T.: -0.006 min
Response: 2380407
Conc: 18.00 ug/ml



#12 N-OCTACOSANE

R.T.: 16.852 min
Delta R.T.: -0.006 min
Response: 2203426
Conc: 17.30 ug/ml



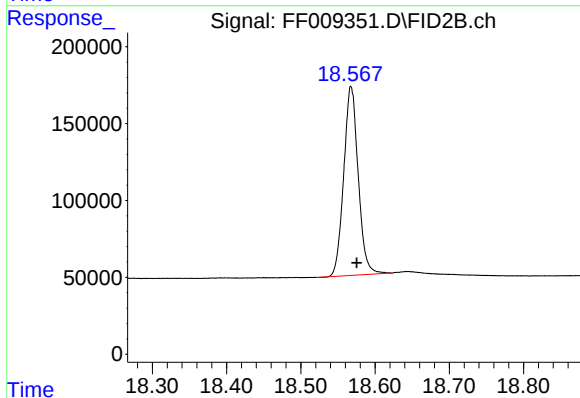
#13 N-TRIACONTANE

R.T.: 17.737 min
Delta R.T.: -0.007 min
Response: 1987787
Conc: 16.24 ug/ml

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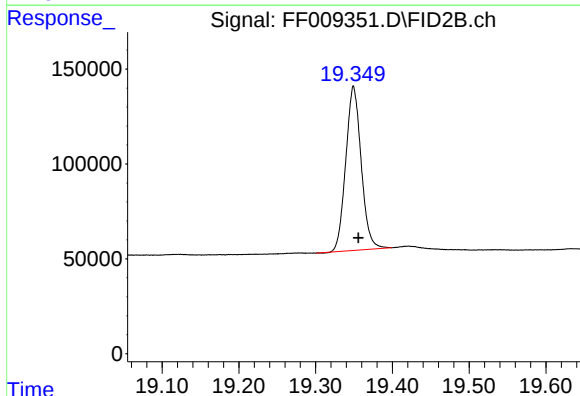
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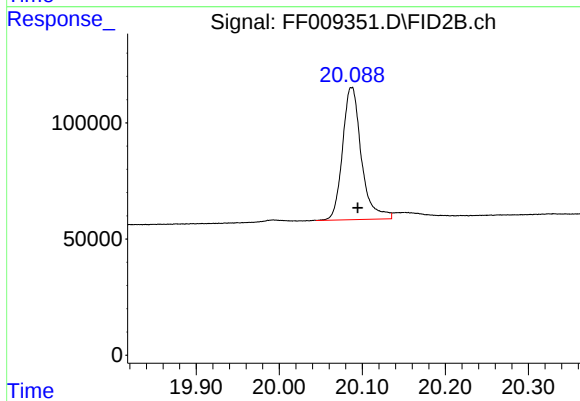
#14 N-DOTRIACONTANE

R.T.: 18.567 min
Delta R.T.: -0.008 min
Response: 1662467
Conc: 14.48 ug/ml



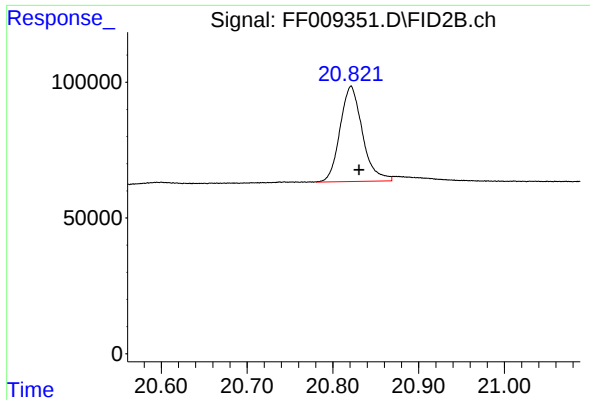
#15 N-TETRATRIACONTANE

R.T.: 19.349 min
Delta R.T.: -0.007 min
Response: 1205256
Conc: 11.23 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.088 min
Delta R.T.: -0.006 min
Response: 900669
Conc: 8.99 ug/ml m



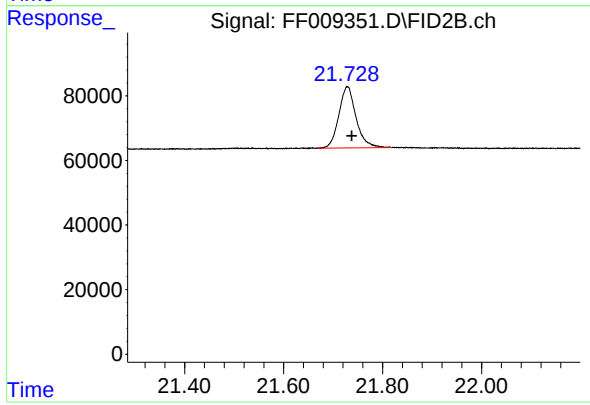
#17 N-OCTATRIACONTANE

R.T.: 20.821 min
Delta R.T.: -0.009 min
Response: 636505
Conc: 6.89 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.729 min
Delta R.T.: -0.009 min
Response: 456831
Conc: 4.89 ug/ml