

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020722\
 Data File : FF009904.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2022 20:07
 Operator : AJ\MA
 Sample : PB142531BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB142531BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/08/2022
 Supervised By :Ankita Jodhani 02/08/2022

Integration File: calibration.e
 Quant Time: Feb 08 03:28:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011722.M
 Quant Title :
 QLast Update : Tue Jan 18 02:53:40 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...	14.420	2264993	17.333 ug/ml
Target Compounds			
1) N-OCTANE	2.159	2456303	17.768 ug/ml
2) N-DECANE	4.214	2826549	19.986 ug/ml
3) N-DODECANE	6.217	2860623	19.990 ug/ml
4) N-TETRADECANE	8.001	2821022	19.197 ug/ml
5) N-HEXADECANE	9.594	2744944	18.349 ug/ml
6) N-OCTADECANE	11.028	2711125	17.586 ug/ml
7) N-EICOSANE	12.331	2595027	17.167 ug/mlm
8) N-DOCOSANE	13.524	2457988	16.528 ug/ml
10) N-TETRACOSANE	14.622	2401410	16.193 ug/ml
11) N-HEXACOSANE	15.638	2319777	15.866 ug/ml
12) N-OCTACOSANE	16.584	2351863	16.201 ug/ml
13) N-TRIACONTANE	17.467	2327986	16.270 ug/ml
14) N-DOTRIACONTANE	18.295	2063803	15.166 ug/ml
15) N-TETRATRIACONTANE	19.076	1615184	13.599 ug/ml
16) N-HEXATRIACONTANE	19.812	1046018	10.145 ug/ml
17) N-OCTATRIACONTANE	20.515	564260	6.328 ug/mlm
18) N-TETRACONTANE	21.324	438369	4.826 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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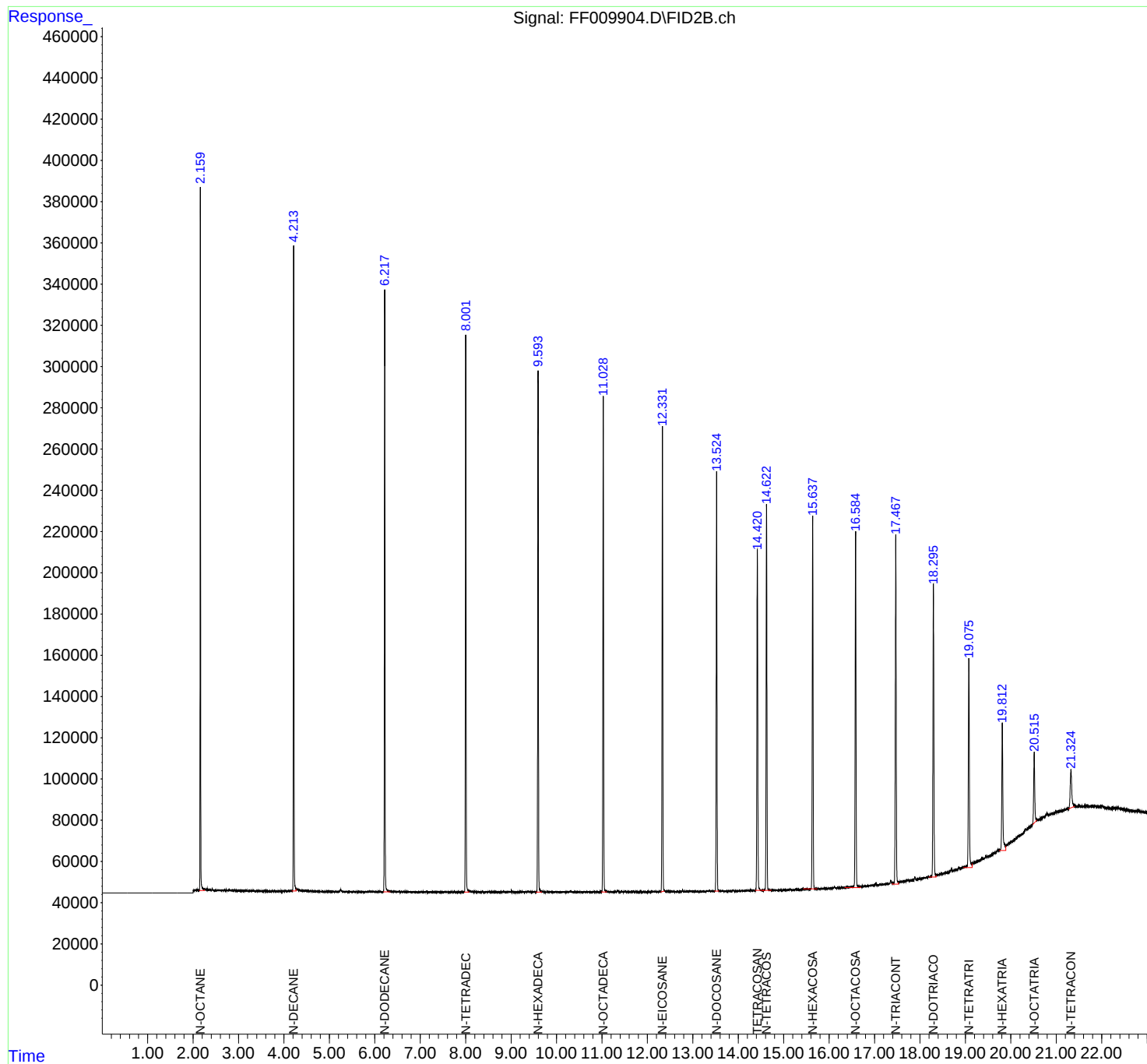
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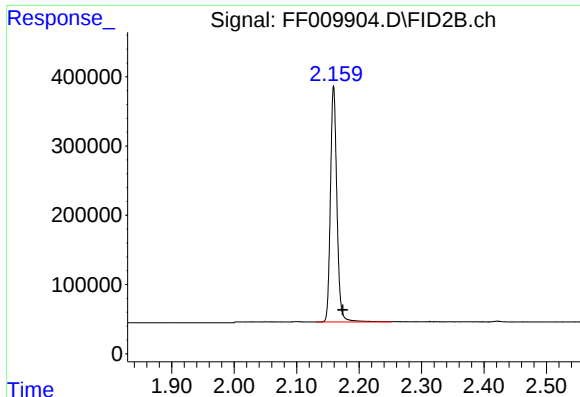
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.159 min
Delta R.T.: -0.015 min
Response: 2456303
Conc: 17.77 ug/ml

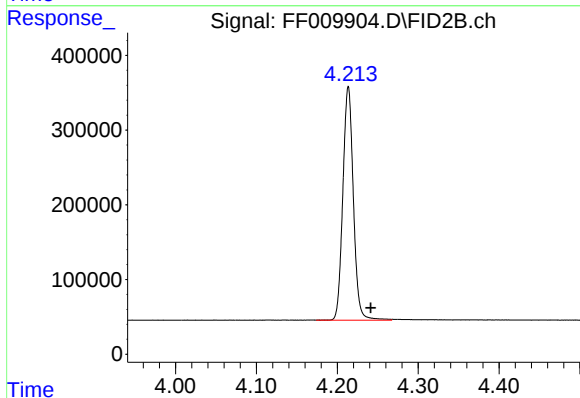
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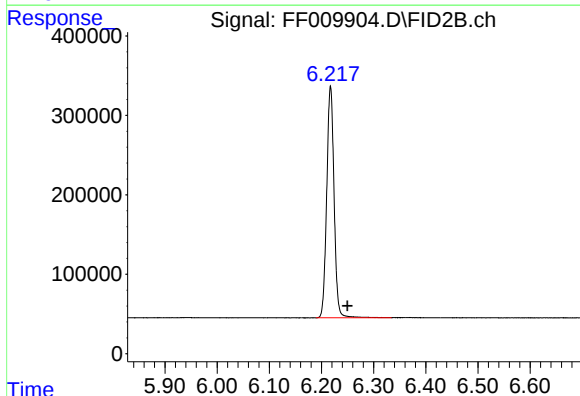
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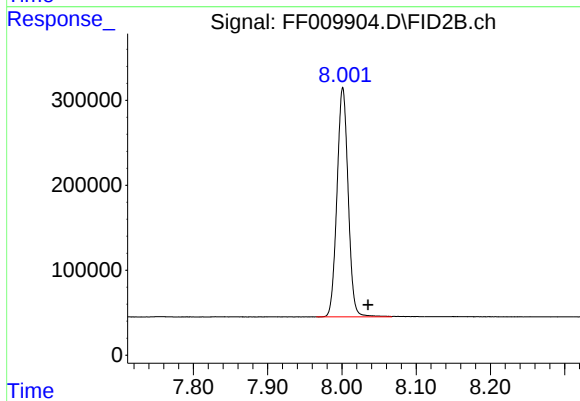
#2 N-DECANE

R.T.: 4.214 min
Delta R.T.: -0.028 min
Response: 2826549
Conc: 19.99 ug/ml



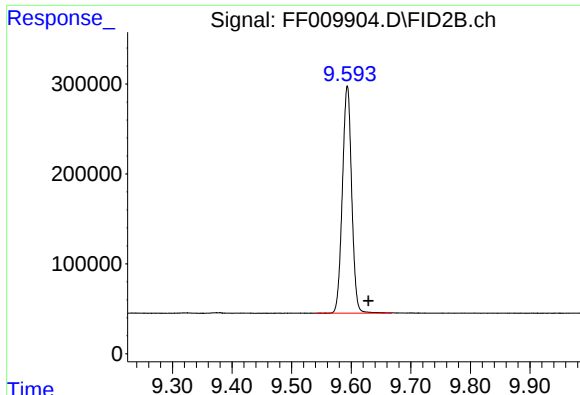
#3 N-DODECANE

R.T.: 6.217 min
Delta R.T.: -0.033 min
Response: 2860623
Conc: 19.99 ug/ml



#4 N-TETRADECANE

R.T.: 8.001 min
Delta R.T.: -0.034 min
Response: 2821022
Conc: 19.20 ug/ml



#5 N-HEXADECANE

R.T.: 9.594 min
Delta R.T.: -0.035 min
Response: 2744944
Conc: 18.35 ug/ml

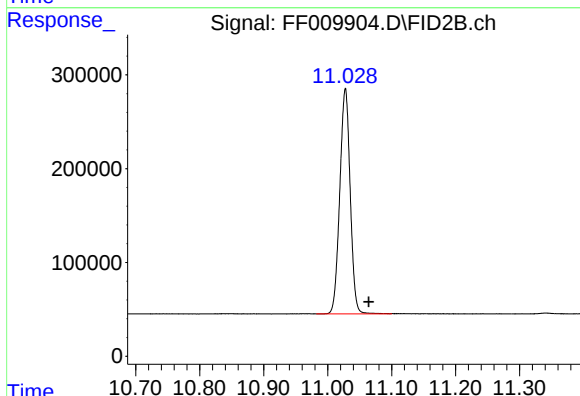
Instrument :

FID_F

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PB142531BS

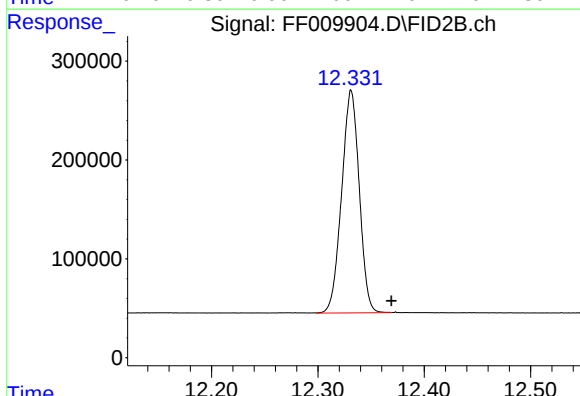
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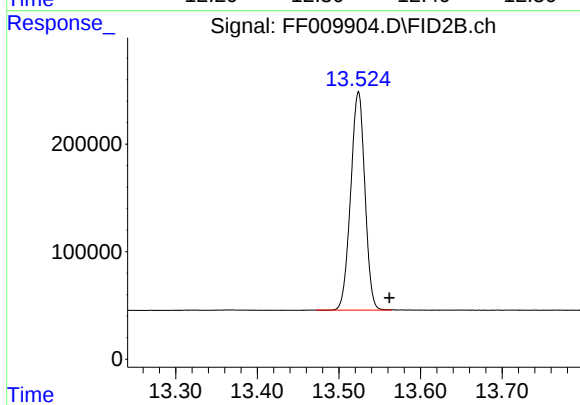
#6 N-OCTADECANE

R.T.: 11.028 min
Delta R.T.: -0.036 min
Response: 2711125
Conc: 17.59 ug/ml



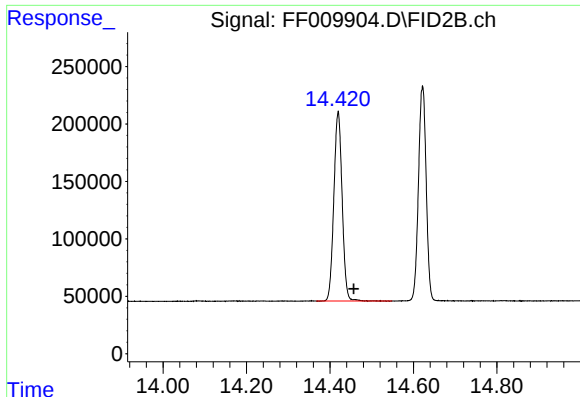
#7 N-EICOSANE

R.T.: 12.331 min
Delta R.T.: -0.039 min
Response: 2595027
Conc: 17.17 ug/ml m



#8 N-DOCOSANE

R.T.: 13.524 min
Delta R.T.: -0.038 min
Response: 2457988
Conc: 16.53 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.420 min
Delta R.T.: -0.037 min
Response: 2264993
Conc: 17.33 ug/ml

Instrument :

FID_F

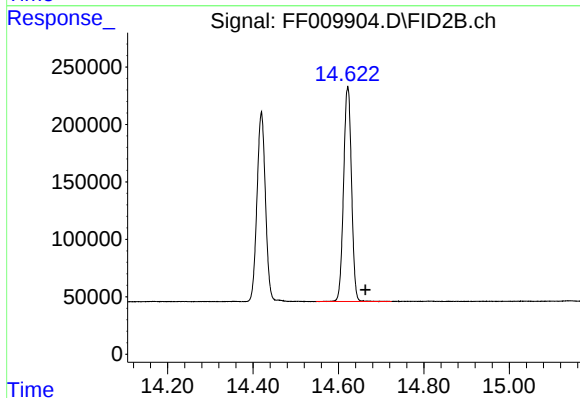
ClientSampleId :

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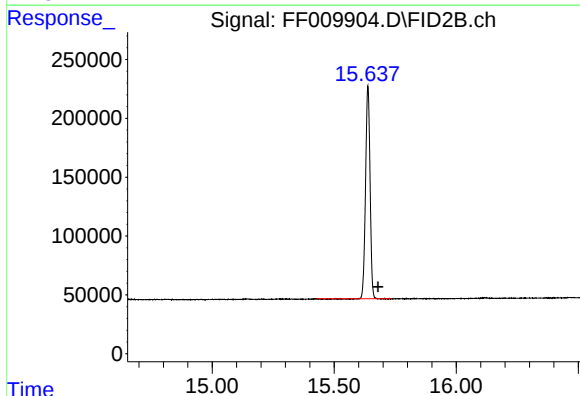
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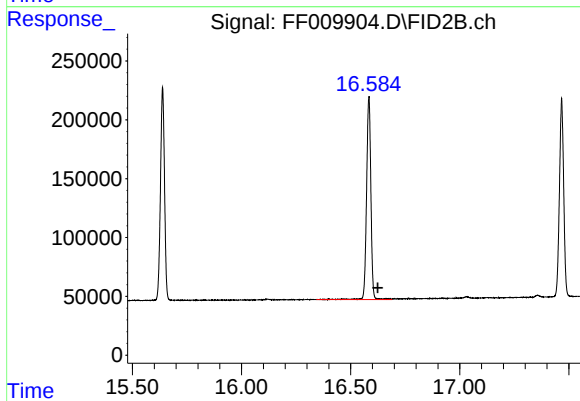
#10 N-TETRACOSANE

R.T.: 14.622 min
Delta R.T.: -0.041 min
Response: 2401410
Conc: 16.19 ug/ml



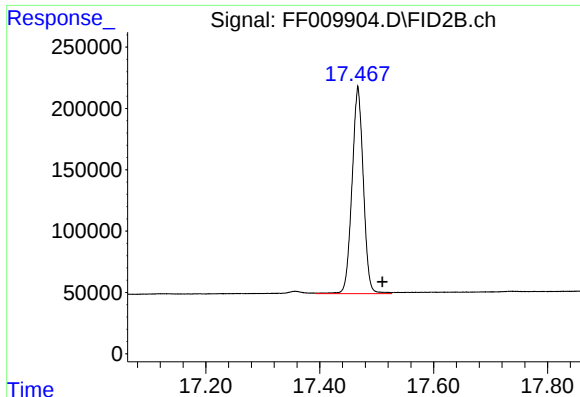
#11 N-HEXACOSANE

R.T.: 15.638 min
Delta R.T.: -0.041 min
Response: 2319777
Conc: 15.87 ug/ml



#12 N-OCTACOSANE

R.T.: 16.584 min
Delta R.T.: -0.040 min
Response: 2351863
Conc: 16.20 ug/ml



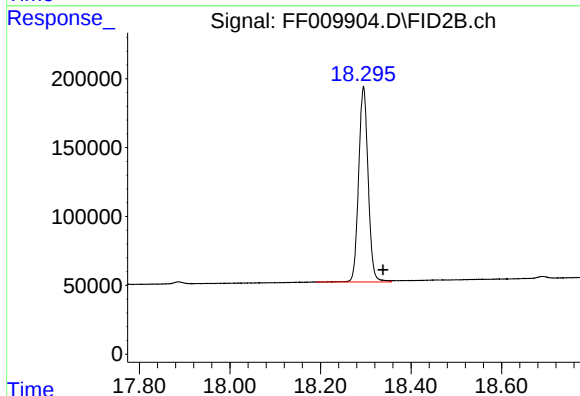
#13 N-TRIACONTANE

R.T.: 17.467 min
Delta R.T.: -0.043 min
Response: 2327986
Conc: 16.27 ug/ml

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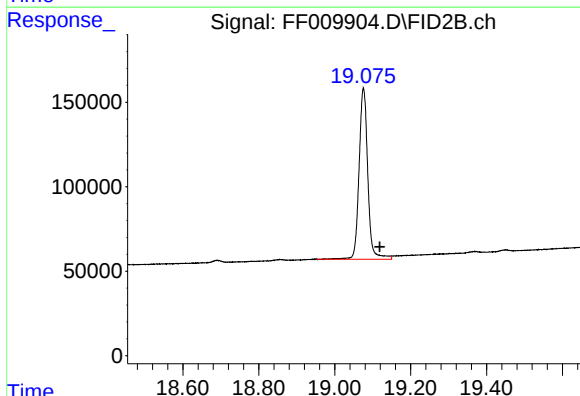
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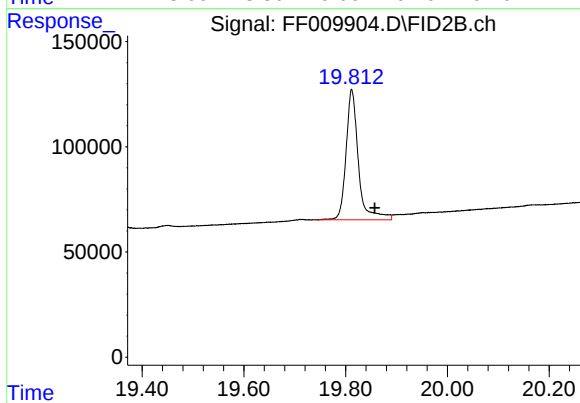
#14 N-DOTRIACONTANE

R.T.: 18.295 min
Delta R.T.: -0.043 min
Response: 2063803
Conc: 15.17 ug/ml



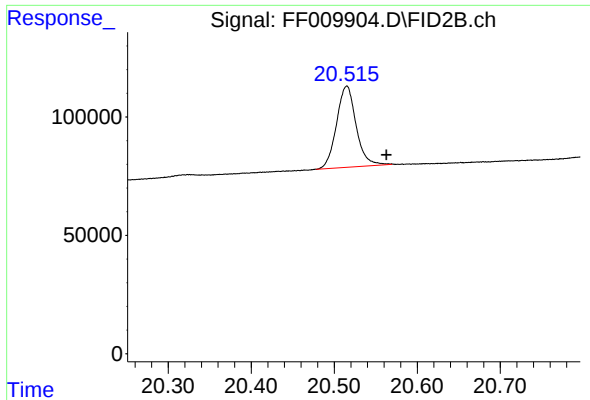
#15 N-TETRATRIACONTANE

R.T.: 19.076 min
Delta R.T.: -0.043 min
Response: 1615184
Conc: 13.60 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.812 min
Delta R.T.: -0.046 min
Response: 1046018
Conc: 10.15 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.515 min
Delta R.T.: -0.048 min
Response: 564260
Conc: 6.33 ug/ml

Instrument :

FID_F

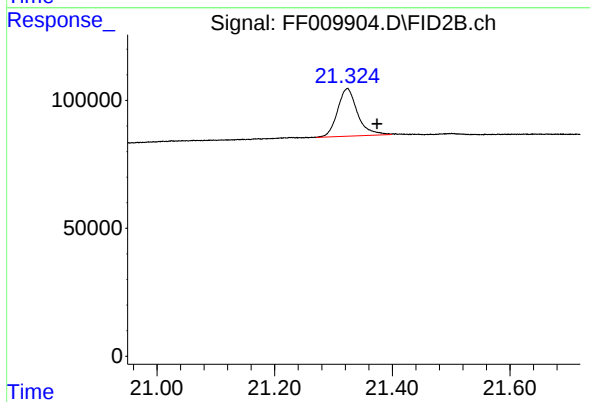
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#18 N-TETRACONTANE

R.T.: 21.324 min
Delta R.T.: -0.050 min
Response: 438369
Conc: 4.83 ug/ml m