

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112724\
 Data File : FF015127.D
 Signal(s) : FID2B.ch
 Acq On : 27 Nov 2024 10:48
 Operator : YP\AJ
 Sample : P4951-01MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 AU-05-112124MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: Sample.e
 Quant Time: Nov 29 00:07:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF112124.M
 Quant Title :
 QLast Update : Thu Nov 21 01:46:50 2024
 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...	15.013	1386804	12.548 ug/ml
Target Compounds			
1) N-OCTANE	2.043	1182196	9.425 ug/ml
2) N-DECANE	4.567	2095042	16.569 ug/ml
3) N-DODECANE	6.730	3692577	28.343 ug/ml
4) N-TETRADECANE	8.556	5100452	40.240 ug/mlm
5) N-HEXADECANE	10.163	5558818	43.163 ug/mlm
6) N-OCTADECANE	11.606	5157996	39.091 ug/mlm
7) N-EICOSANE	12.916	4402767	34.528 ug/ml
8) N-DOCOSANE	14.115	3323301	26.767 ug/ml
10) N-TETRACOSANE	15.217	2657388	21.834 ug/ml
11) N-HEXACOSANE	16.240	2189337	18.531 ug/ml
12) N-OCTACOSANE	17.190	2790875	23.945 ug/ml
13) N-TRIACONTANE	18.079	2806558	24.195 ug/ml
14) N-DOTRIACONTANE	18.913	2713180	24.115 ug/ml
15) N-TETRATRIACONTANE	19.700	2645550	27.186 ug/mlm
16) N-HEXATRIACONTANE	20.443	1995405	25.531 ug/mlm
17) N-OCTATRIACONTANE	21.184	2598436	37.868 ug/mlm
18) N-TETRACONTANE	22.102	3548421	54.273 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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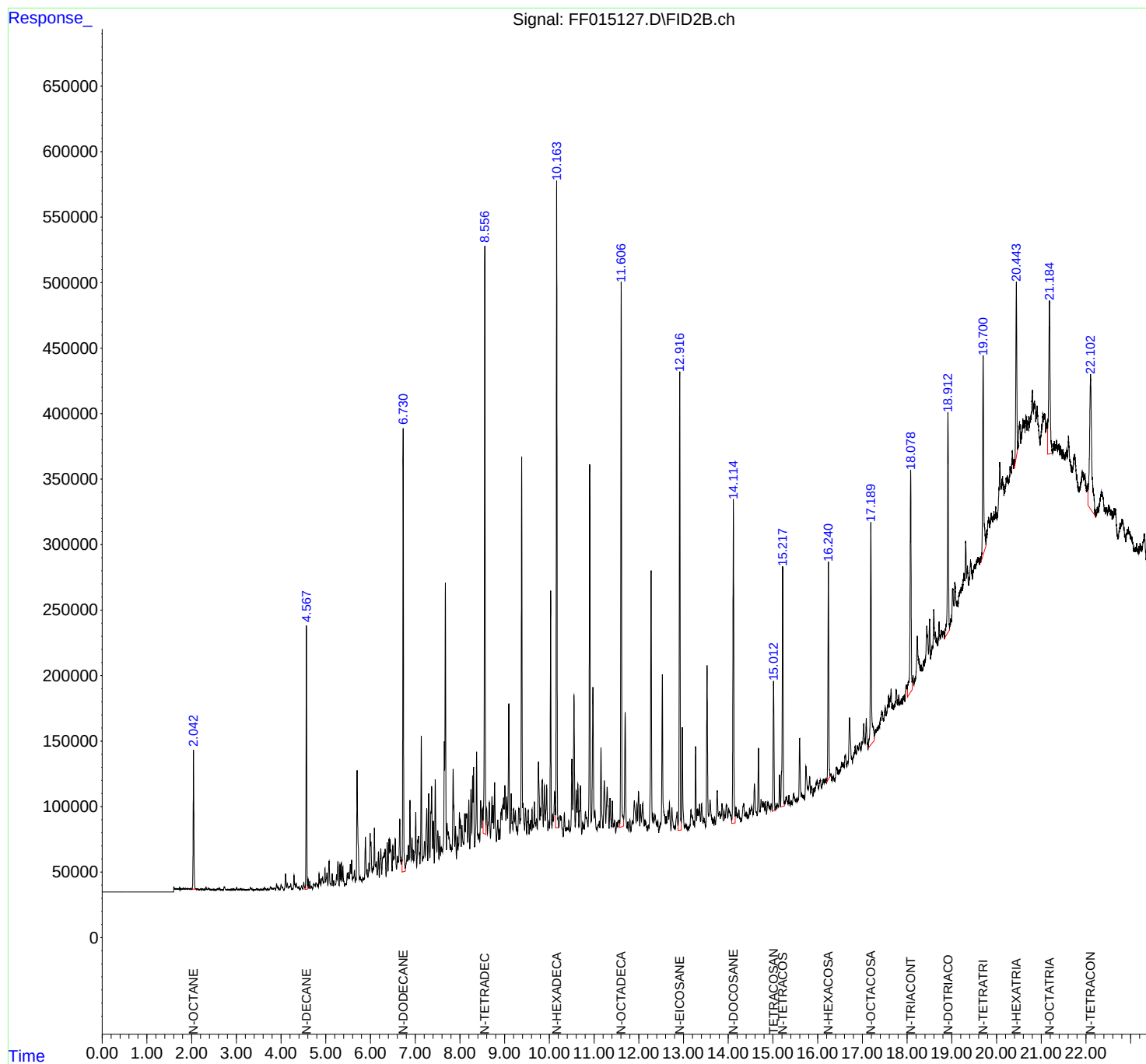
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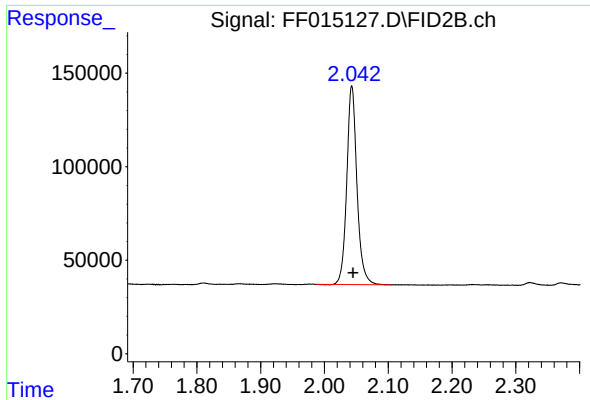
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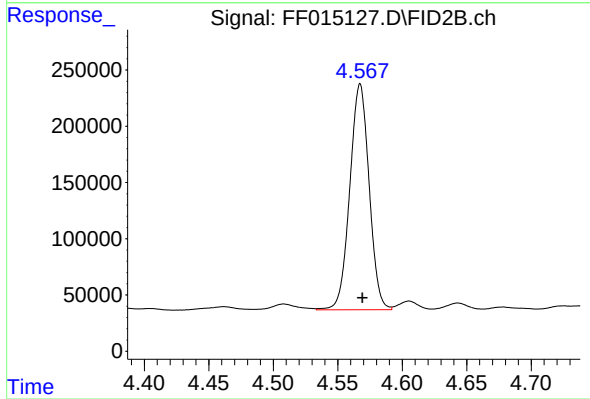
#1 N-OCTANE

R.T.: 2.043 min
Delta R.T.: -0.002 min
Response: 1182196
Conc: 9.42 ug/ml

Instrument :
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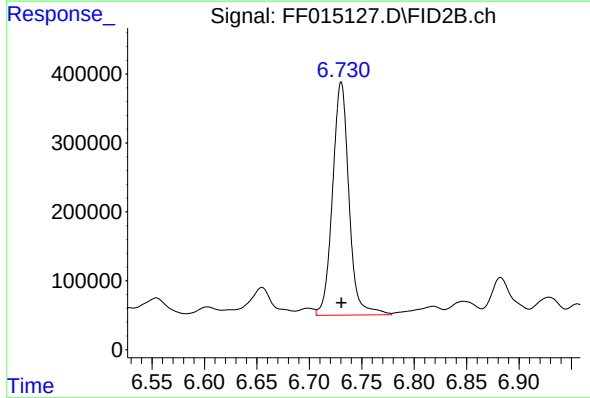
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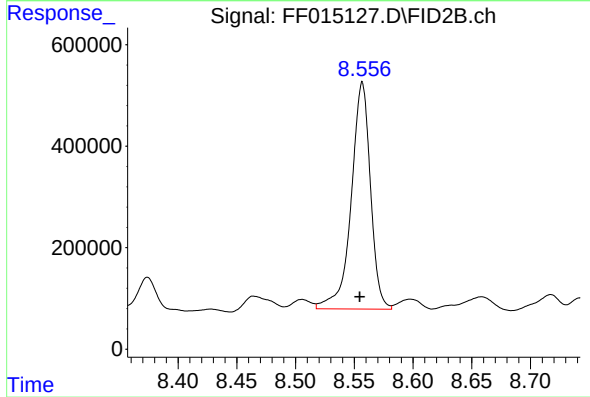
#2 N-DECANE

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 2095042
Conc: 16.57 ug/ml



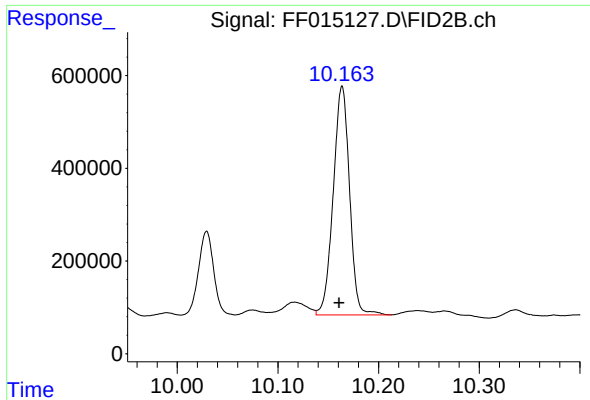
#3 N-DODECANE

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 3692577
Conc: 28.34 ug/ml



#4 N-TETRADECANE

R.T.: 8.556 min
Delta R.T.: 0.002 min
Response: 5100452
Conc: 40.24 ug/ml m



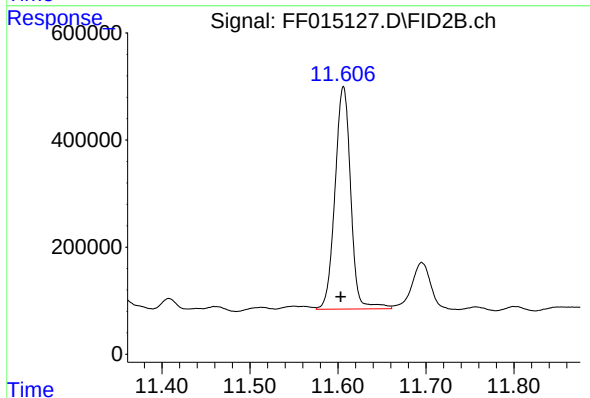
#5 N-HEXADECANE

R.T.: 10.163 min
Delta R.T.: 0.003 min
Response: 5558818
Conc: 43.16 ug/ml

Instrument :
FID_F
ClientSampleId :
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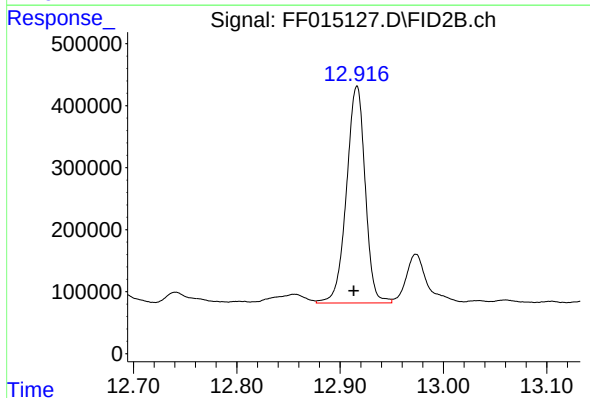
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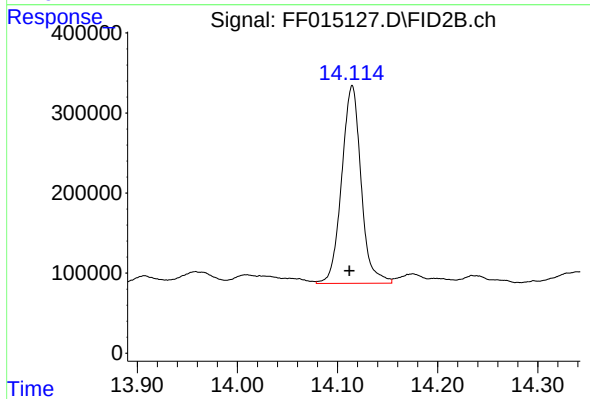
#6 N-OCTADECANE

R.T.: 11.606 min
Delta R.T.: 0.003 min
Response: 5157996
Conc: 39.09 ug/ml m



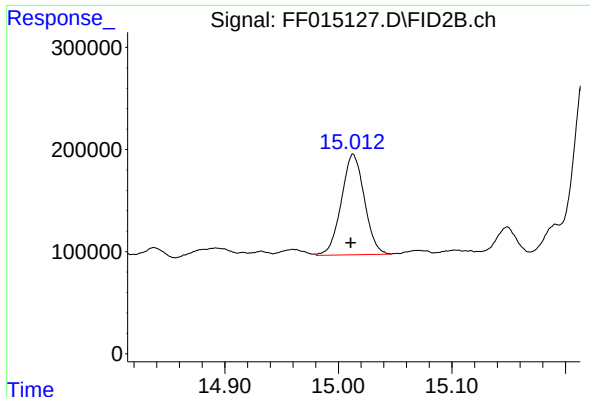
#7 N-EICOSANE

R.T.: 12.916 min
Delta R.T.: 0.003 min
Response: 4402767
Conc: 34.53 ug/ml



#8 N-DOCOSANE

R.T.: 14.115 min
Delta R.T.: 0.003 min
Response: 3323301
Conc: 26.77 ug/ml



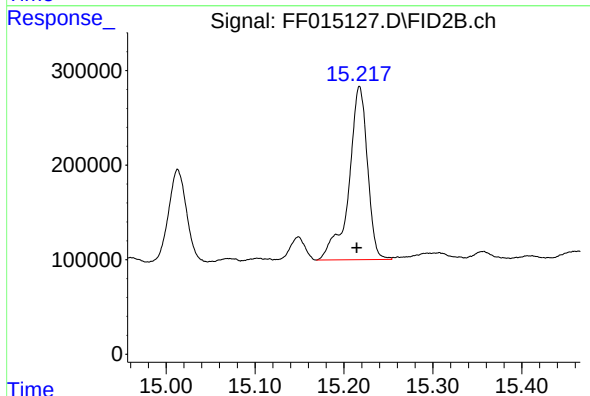
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.013 min
Delta R.T.: 0.002 min
Response: 1386804
Conc: 12.55 ug/ml

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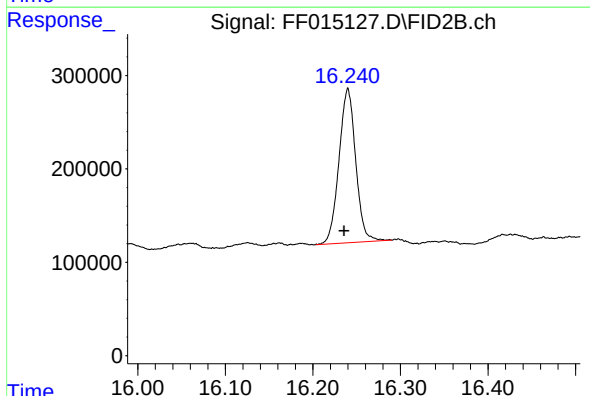
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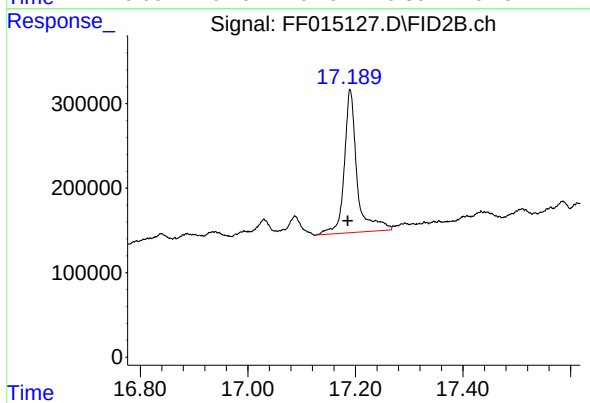
#10 N-TETRACOSANE

R.T.: 15.217 min
Delta R.T.: 0.003 min
Response: 2657388
Conc: 21.83 ug/ml



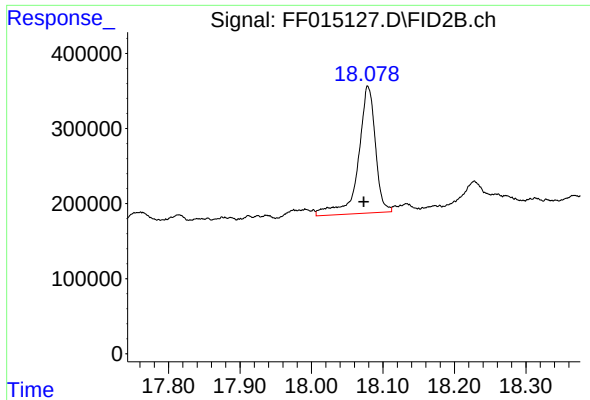
#11 N-HEXACOSANE

R.T.: 16.240 min
Delta R.T.: 0.004 min
Response: 2189337
Conc: 18.53 ug/ml



#12 N-OCTACOSANE

R.T.: 17.190 min
Delta R.T.: 0.004 min
Response: 2790875
Conc: 23.95 ug/ml



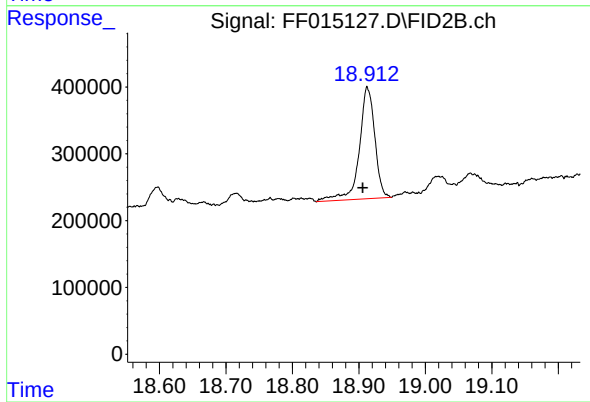
#13 N-TRIACONTANE

R.T.: 18.079 min
Delta R.T.: 0.006 min
Response: 2806558
Conc: 24.20 ug/ml

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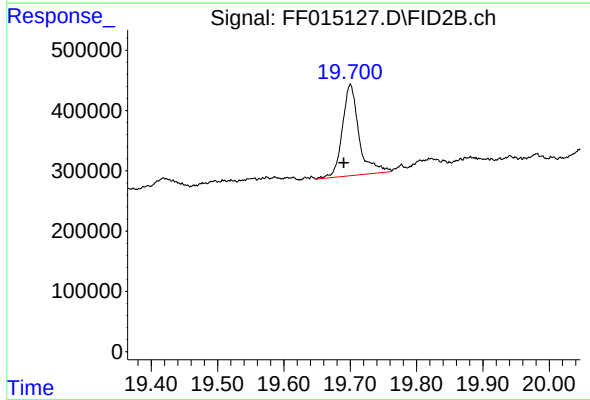
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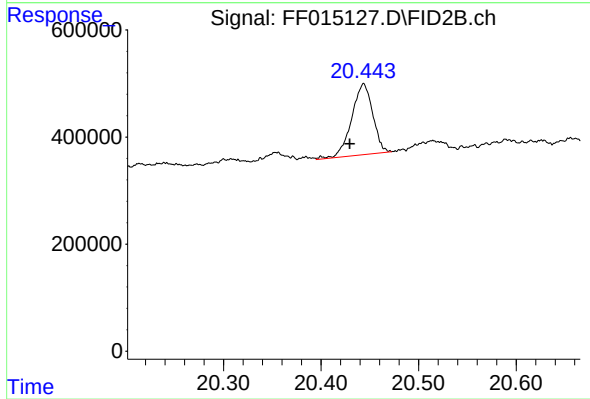
#14 N-DOTRIACONTANE

R.T.: 18.913 min
Delta R.T.: 0.007 min
Response: 2713180
Conc: 24.11 ug/ml



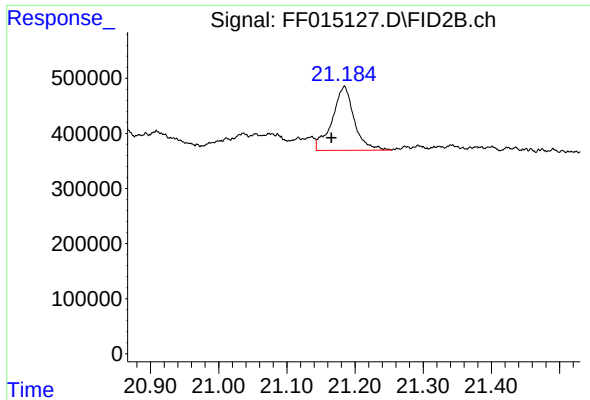
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: 0.010 min
Response: 2645550
Conc: 27.19 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.443 min
Delta R.T.: 0.014 min
Response: 1995405
Conc: 25.53 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.184 min
Delta R.T.: 0.019 min
Response: 2598436
Conc: 37.87 ug/ml

Instrument :

FID_F

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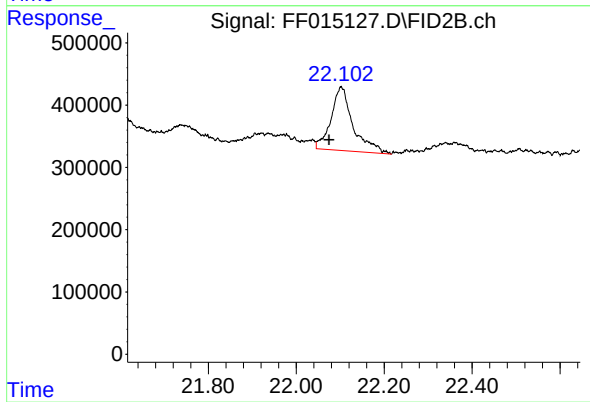
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#18 N-TETRACONTANE

R.T.: 22.102 min
Delta R.T.: 0.028 min
Response: 3548421
Conc: 54.27 ug/ml