

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101025\
 Data File : FF016562.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2025 15:32
 Operator : YP\AJ
 Sample : Q3305-01MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 AU-06-100725MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/13/2025
 Supervised By :mohammad ahmed 10/14/2025

Integration File: autoint1.e
 Quant Time: Oct 10 23:47:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100225.M
 Quant Title :
 QLast Update : Fri Oct 03 03:40:27 2025
 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...	15.075	911673	7.751 ug/ml
Target Compounds			
1) N-OCTANE	2.053	1952271	16.521 ug/ml
2) N-DECANE	4.587	2164932	18.008 ug/ml
3) N-DODECANE	6.766	2807684	23.035 ug/mlm
4) N-TETRADECANE	8.602	4627709	37.598 ug/mlm
5) N-HEXADECANE	10.213	5794972	46.304 ug/mlm
6) N-OCTADECANE	11.660	5630017	43.327 ug/mlm
7) N-EICOSANE	12.972	4684641	35.132 ug/mlm
8) N-DOCOSANE	14.174	3437133	26.222 ug/mlm
10) N-TETRACOSANE	15.281	2783102	21.011 ug/ml
11) N-HEXACOSANE	16.307	2365513	17.912 ug/mlm
12) N-OCTACOSANE	17.262	2419778	18.425 ug/ml
13) N-TRIACONTANE	18.153	2544614	19.185 ug/ml
14) N-DOTRIACONTANE	18.992	2592012	20.473 ug/ml
15) N-TETRATRIACONTANE	19.782	2882993	27.554 ug/ml
16) N-HEXATRIACONTANE	20.527	2977796	36.191 ug/ml
17) N-OCTATRIACONTANE	21.294	3004136	43.901 ug/ml
18) N-TETRACONTANE	22.256	2978657	50.059 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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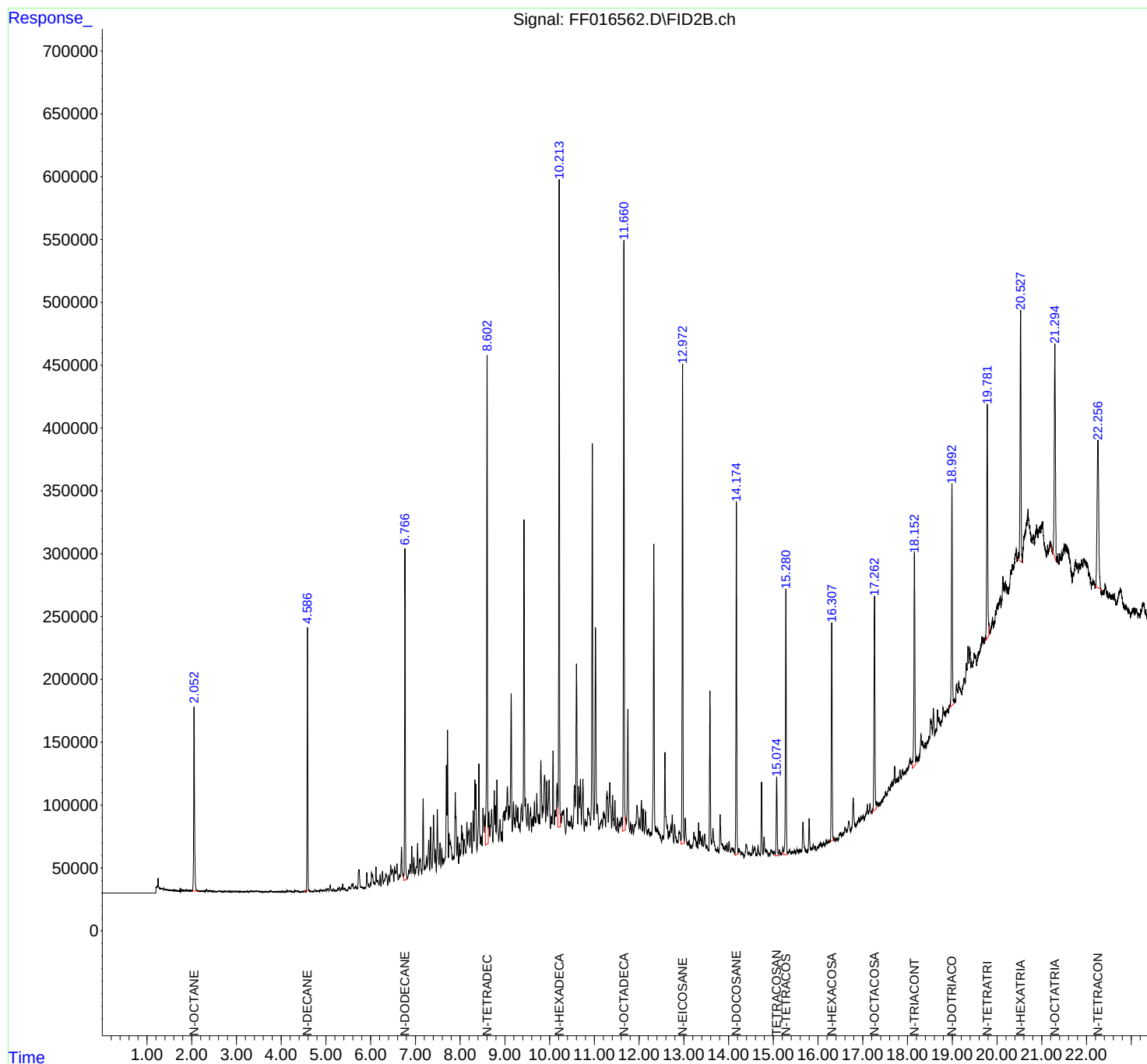
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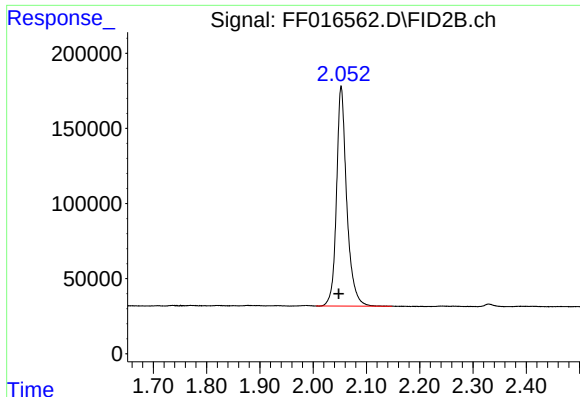
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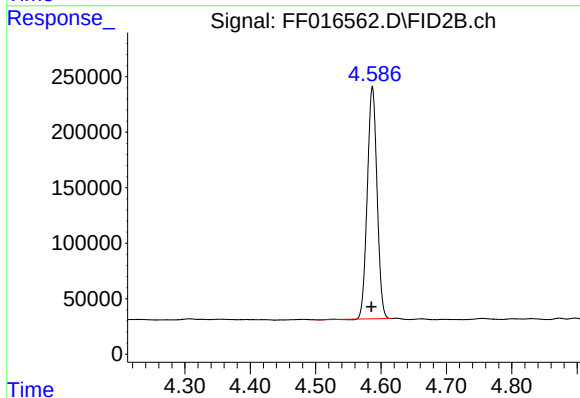
#1 N-OCTANE

R.T.: 2.053 min
Delta R.T.: 0.005 min
Response: 1952271
Conc: 16.52 ug/ml

Instrument :
FID_F
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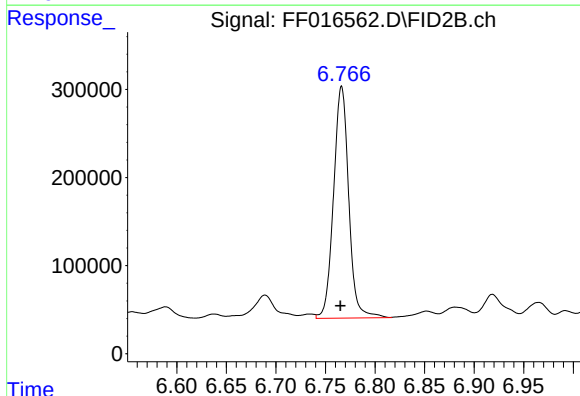
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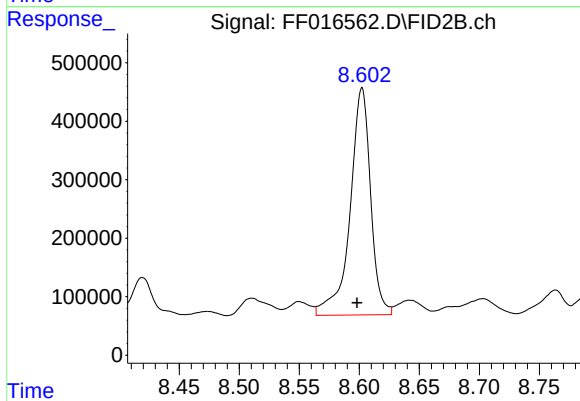
#2 N-DECANE

R.T.: 4.587 min
Delta R.T.: 0.001 min
Response: 2164932
Conc: 18.01 ug/ml



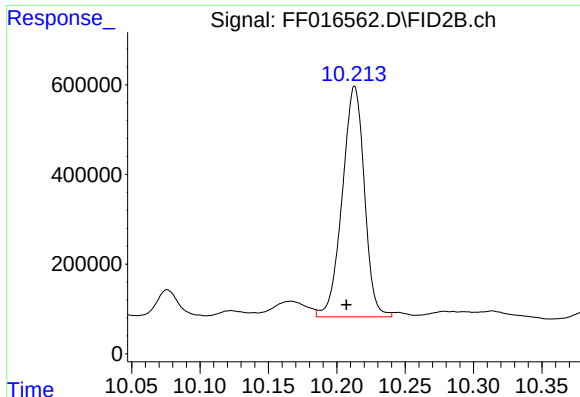
#3 N-DODECANE

R.T.: 6.766 min
Delta R.T.: 0.001 min
Response: 2807684
Conc: 23.04 ug/ml m



#4 N-TETRADECANE

R.T.: 8.602 min
Delta R.T.: 0.004 min
Response: 4627709
Conc: 37.60 ug/ml m



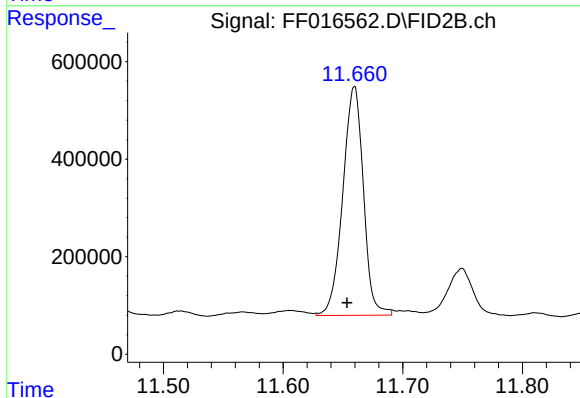
#5 N-HEXADECANE

R.T.: 10.213 min
Delta R.T.: 0.006 min
Response: 5794972
Conc: 46.30 ug/ml

Instrument :
FID_F
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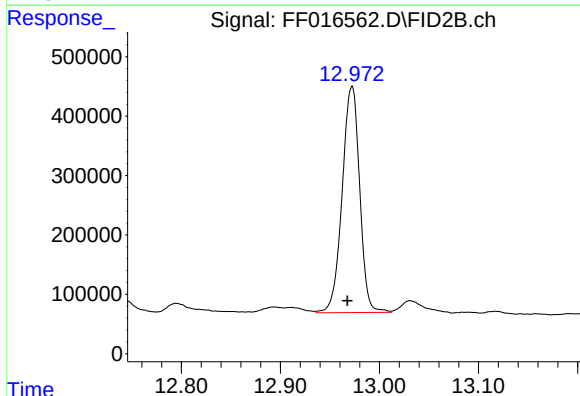
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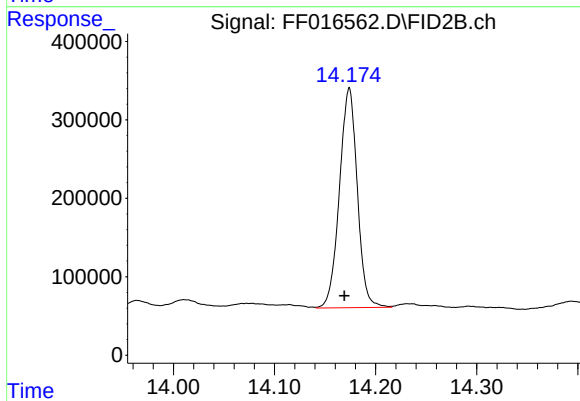
#6 N-OCTADECANE

R.T.: 11.660 min
Delta R.T.: 0.006 min
Response: 5630017
Conc: 43.33 ug/ml m



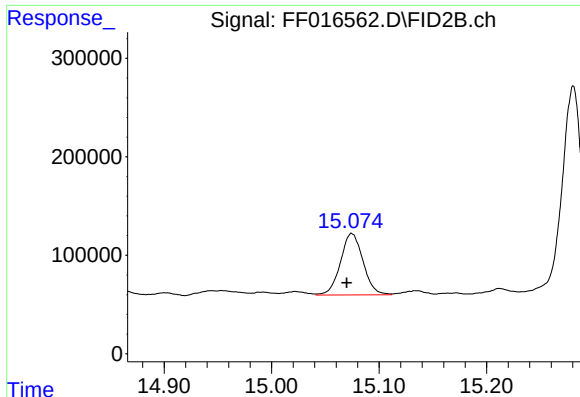
#7 N-EICOSANE

R.T.: 12.972 min
Delta R.T.: 0.005 min
Response: 4684641
Conc: 35.13 ug/ml m



#8 N-DOCOSANE

R.T.: 14.174 min
Delta R.T.: 0.005 min
Response: 3437133
Conc: 26.22 ug/ml m



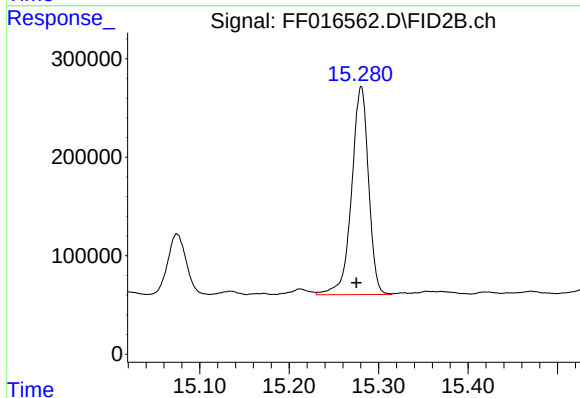
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.075 min
Delta R.T.: 0.005 min
Response: 911673
Conc: 7.75 ug/ml

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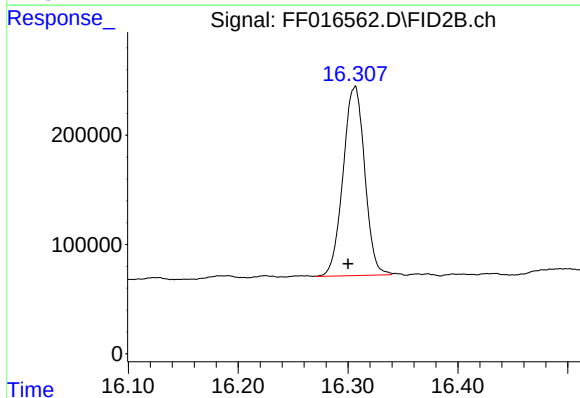
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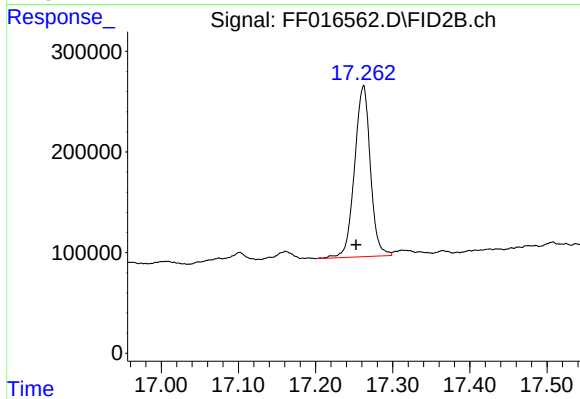
#10 N-TETRACOSANE

R.T.: 15.281 min
Delta R.T.: 0.005 min
Response: 2783102
Conc: 21.01 ug/ml



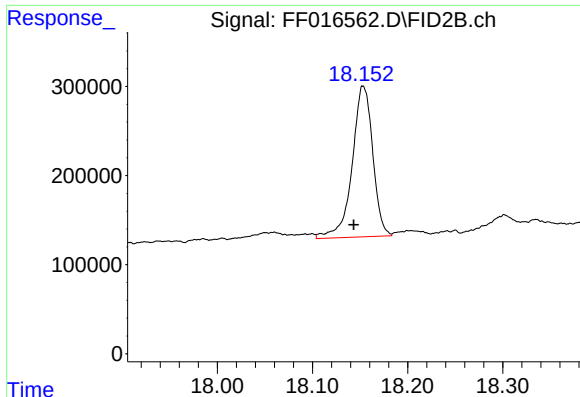
#11 N-HEXACOSANE

R.T.: 16.307 min
Delta R.T.: 0.007 min
Response: 2365513
Conc: 17.91 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.262 min
Delta R.T.: 0.010 min
Response: 2419778
Conc: 18.42 ug/ml



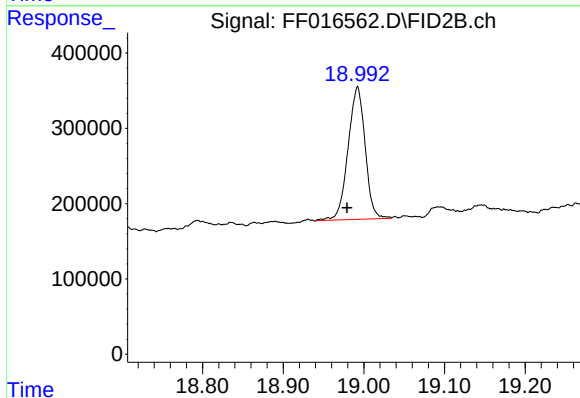
#13 N-TRIACONTANE

R.T.: 18.153 min
Delta R.T.: 0.010 min
Response: 2544614
Conc: 19.19 ug/ml

Instrument :
FID_F
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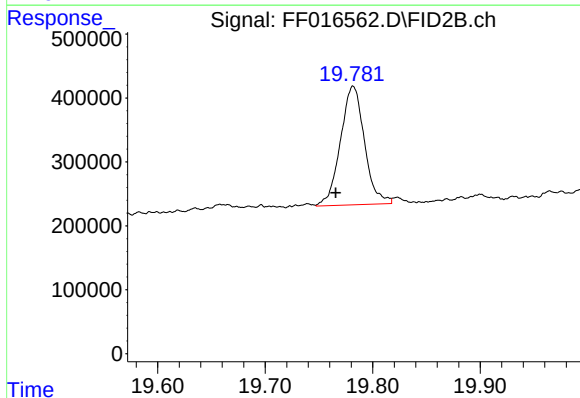
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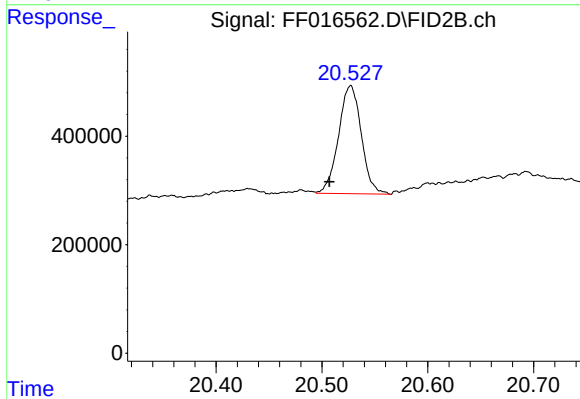
#14 N-DOTRIACONTANE

R.T.: 18.992 min
Delta R.T.: 0.013 min
Response: 2592012
Conc: 20.47 ug/ml



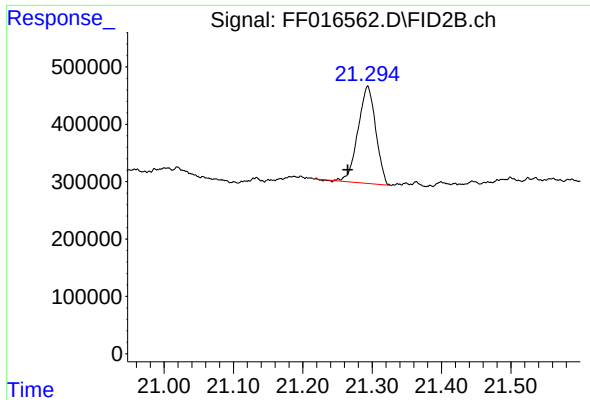
#15 N-TETRATRIACONTANE

R.T.: 19.782 min
Delta R.T.: 0.016 min
Response: 2882993
Conc: 27.55 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.527 min
Delta R.T.: 0.020 min
Response: 2977796
Conc: 36.19 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.294 min
Delta R.T.: 0.029 min
Response: 3004136
Conc: 43.90 ug/ml

Instrument :

FID_F

ClientSampleId :

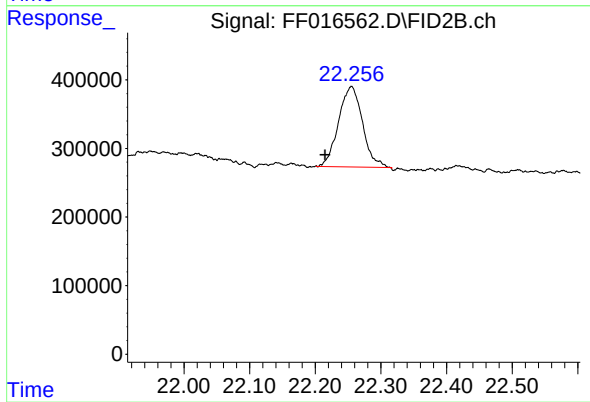
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#18 N-TETRACONTANE

R.T.: 22.256 min
Delta R.T.: 0.041 min
Response: 2978657
Conc: 50.06 ug/ml m