

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016767.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 20:41
 Operator : YP\AJ
 Sample : Q3661-01MS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/21/2025
 Supervised By :mohammad ahmed 11/22/2025

Integration File: Sample.e
 Quant Time: Nov 21 01:12:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 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...	15.048	1261256	12.072 ug/ml
Target Compounds			
1) N-OCTANE	2.037	1583526	14.267 ug/ml
2) N-DECANE	4.565	1791139	16.188 ug/ml
3) N-DODECANE	6.742	1824748	16.426 ug/ml
4) N-TETRADECANE	8.575	1813421	16.233 ug/ml
5) N-HEXADECANE	10.184	1855772	16.517 ug/ml
6) N-OCTADECANE	11.631	1961589	16.762 ug/ml
7) N-EICOSANE	12.943	1840341	15.072 ug/ml
8) N-DOCOSANE	14.145	1852342	15.539 ug/ml
10) N-TETRACOSANE	15.252	1946952	16.431 ug/ml
11) N-HEXACOSANE	16.277	1841871	16.033 ug/ml
12) N-OCTACOSANE	17.230	1733580	15.213 ug/ml
13) N-TRIACONTANE	18.121	1785860	15.894 ug/ml
14) N-DOTRIACONTANE	18.956	1899855	17.723 ug/ml
15) N-TETRATRIACONTANE	19.744	1828109	18.604 ug/ml
16) N-HEXATRIACONTANE	20.486	1752909	20.500 ug/ml
17) N-OCTATRIACONTANE	21.239	1779224	23.181 ug/mlm
18) N-TETRACONTANE	22.183	1795393	26.307 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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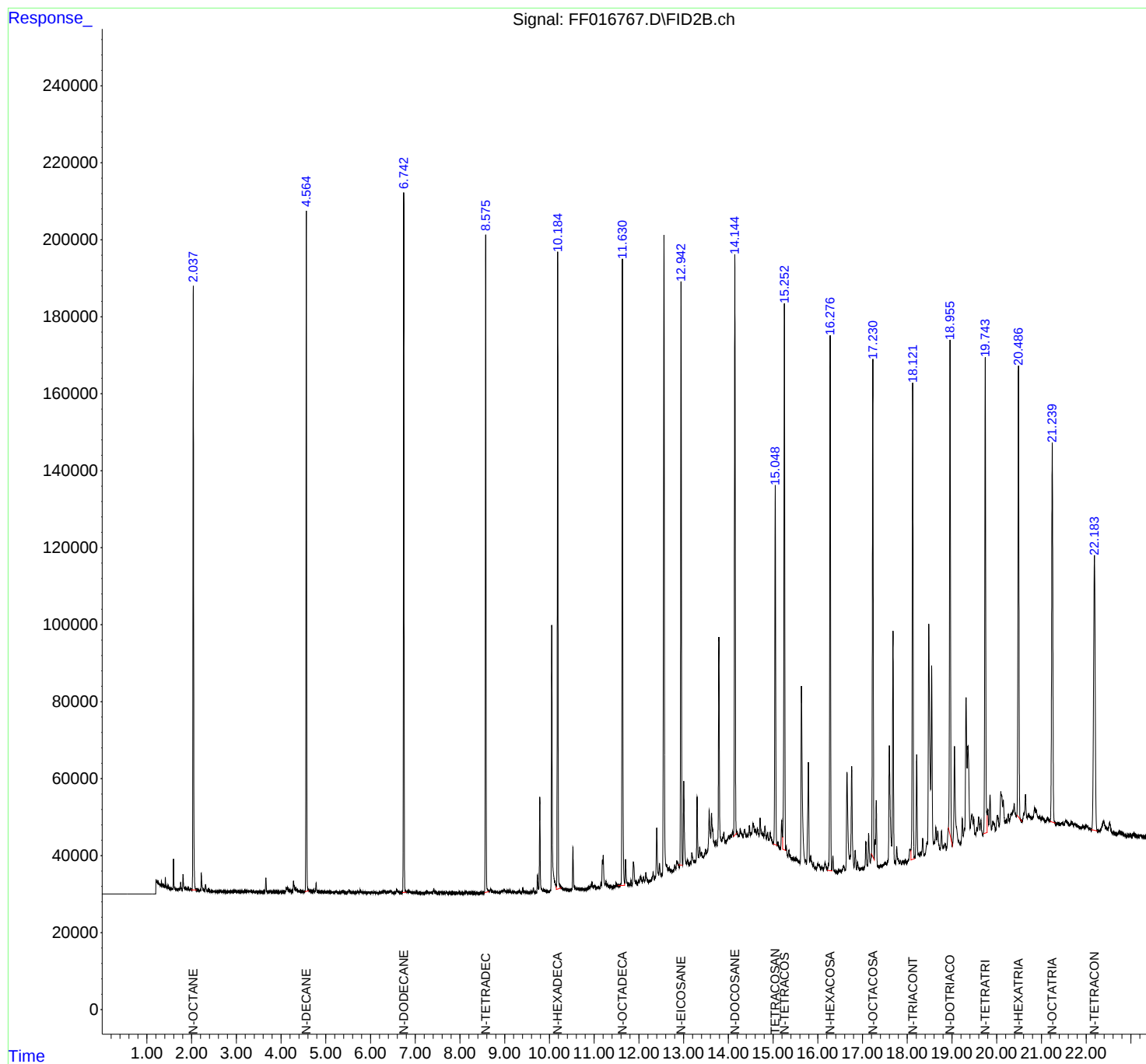
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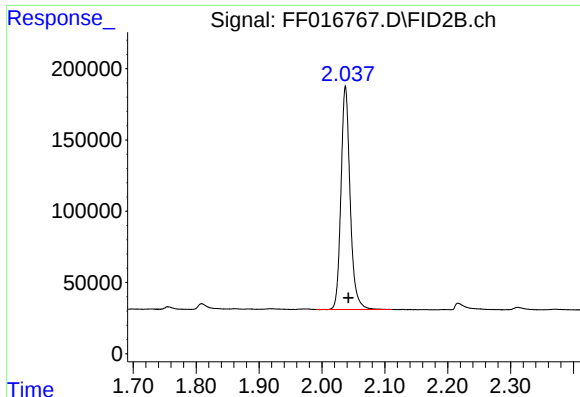
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 2.037 min
Delta R.T.: -0.005 min
Response: 1583526
Conc: 14.27 ug/ml

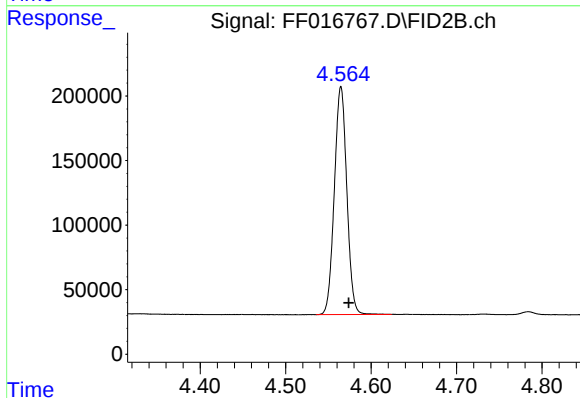
Instrument :

FID_F

ClientSampleId :
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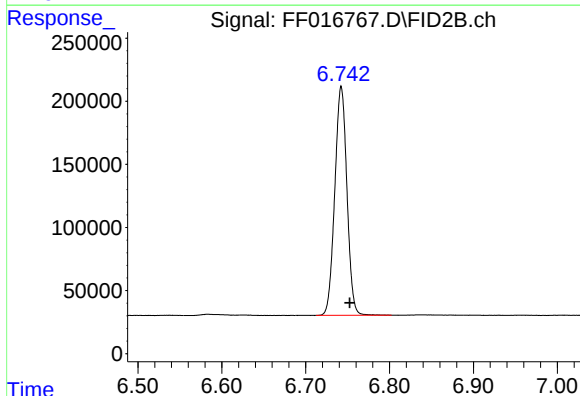
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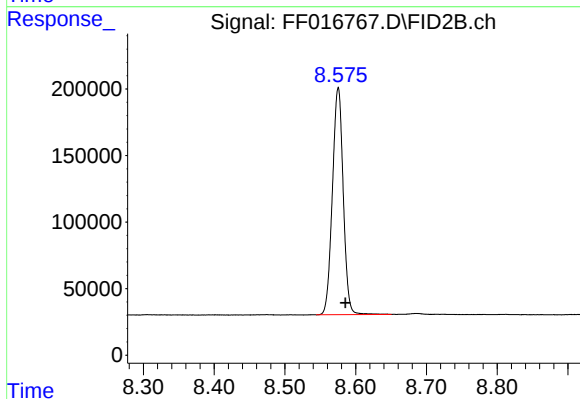
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: -0.009 min
Response: 1791139
Conc: 16.19 ug/ml



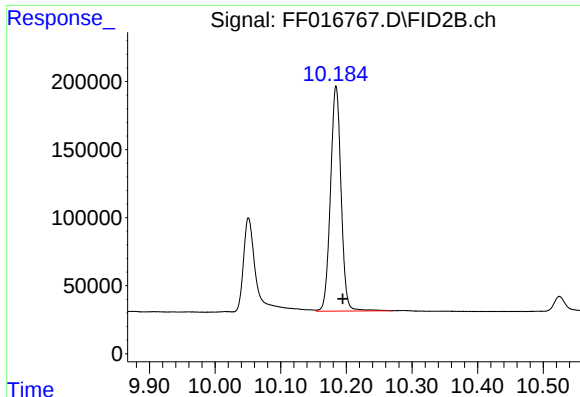
#3 N-DODECANE

R.T.: 6.742 min
Delta R.T.: -0.010 min
Response: 1824748
Conc: 16.43 ug/ml



#4 N-TETRADECANE

R.T.: 8.575 min
Delta R.T.: -0.010 min
Response: 1813421
Conc: 16.23 ug/ml



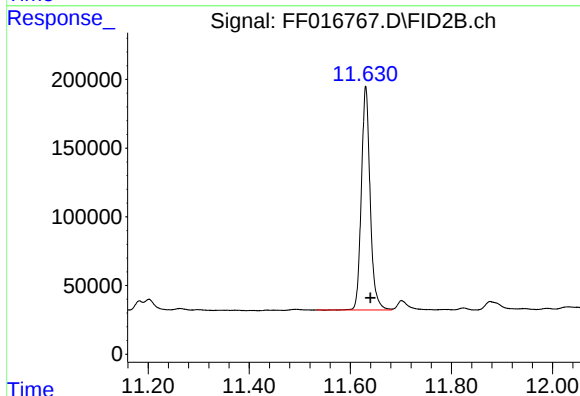
#5 N-HEXADECANE

R.T.: 10.184 min
Delta R.T.: -0.010 min
Response: 1855772
Conc: 16.52 ug/ml

Instrument :
FID_F
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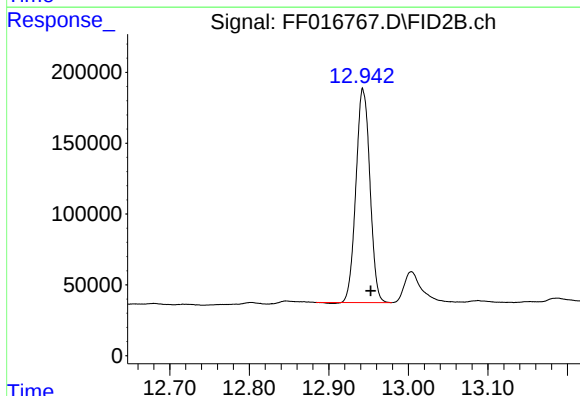
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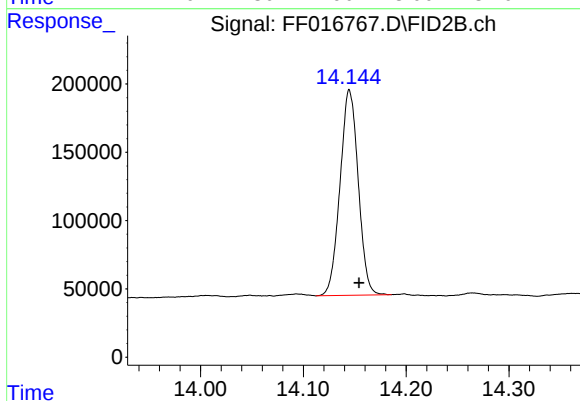
#6 N-OCTADECANE

R.T.: 11.631 min
Delta R.T.: -0.010 min
Response: 1961589
Conc: 16.76 ug/ml



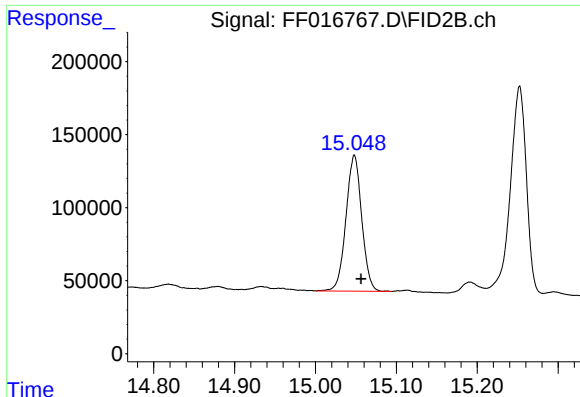
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.010 min
Response: 1840341
Conc: 15.07 ug/ml



#8 N-DOCOSANE

R.T.: 14.145 min
Delta R.T.: -0.009 min
Response: 1852342
Conc: 15.54 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.048 min
Delta R.T.: -0.008 min
Response: 1261256
Conc: 12.07 ug/ml

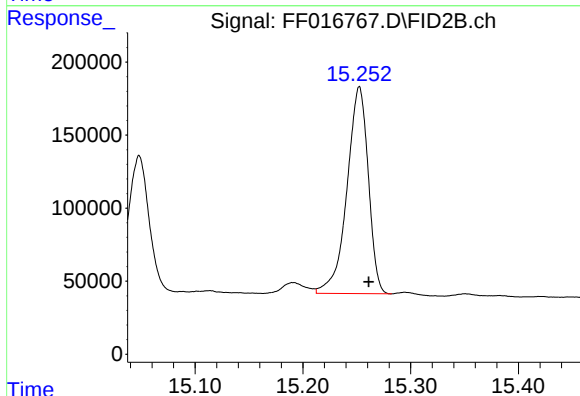
Instrument :

FID_F

ClientSampleId :
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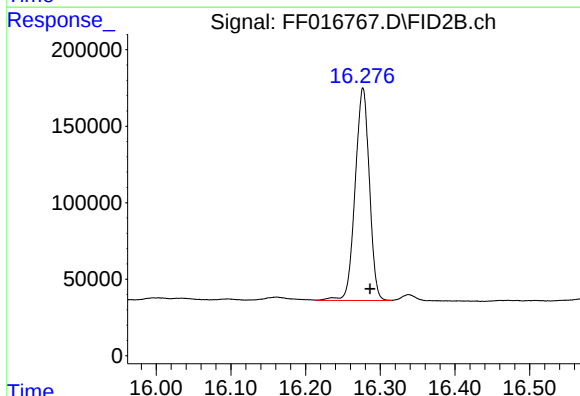
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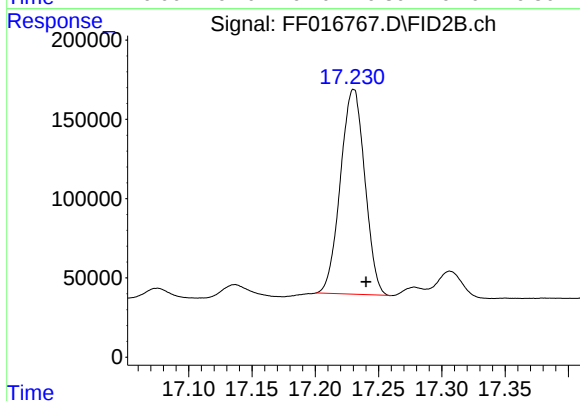
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.009 min
Response: 1946952
Conc: 16.43 ug/ml



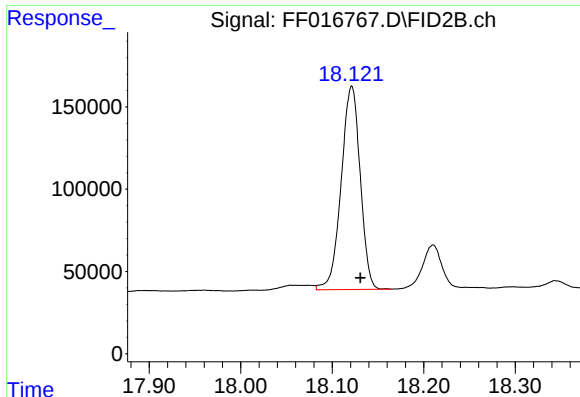
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.010 min
Response: 1841871
Conc: 16.03 ug/ml



#12 N-OCTACOSANE

R.T.: 17.230 min
Delta R.T.: -0.010 min
Response: 1733580
Conc: 15.21 ug/ml



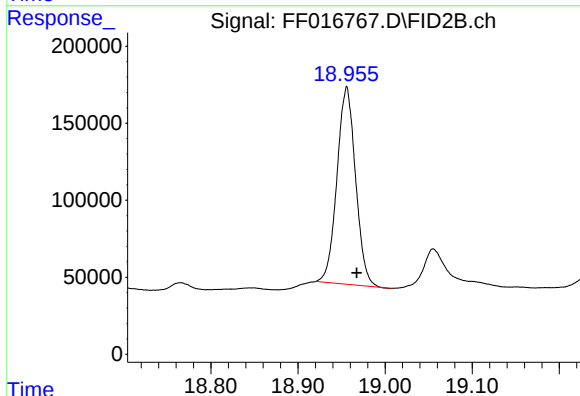
#13 N-TRIACONTANE

R.T.: 18.121 min
Delta R.T.: -0.009 min
Response: 1785860
Conc: 15.89 ug/ml

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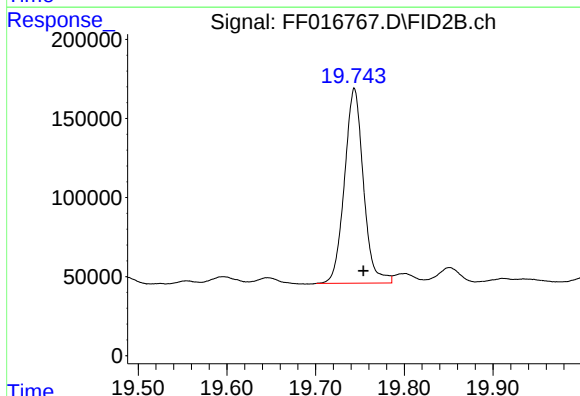
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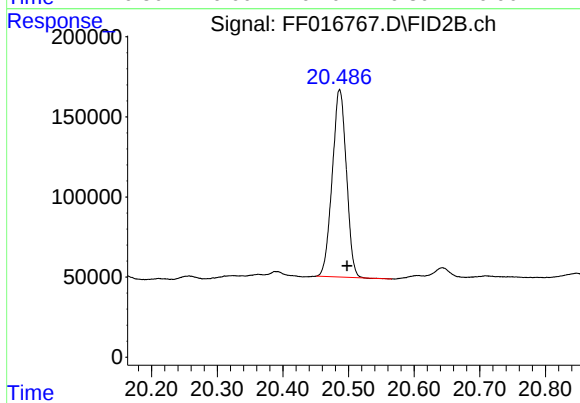
#14 N-DOTRIACONTANE

R.T.: 18.956 min
Delta R.T.: -0.012 min
Response: 1899855
Conc: 17.72 ug/ml



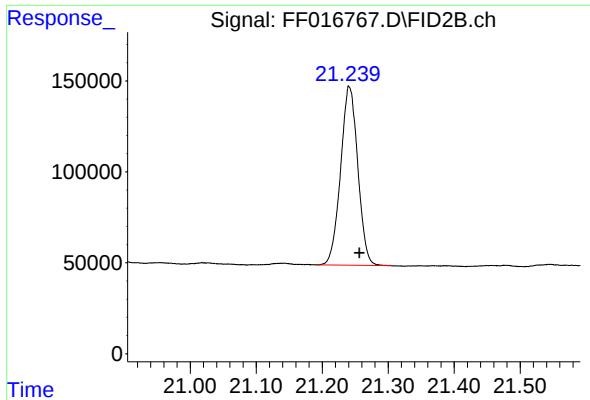
#15 N-TETRATRIACONTANE

R.T.: 19.744 min
Delta R.T.: -0.010 min
Response: 1828109
Conc: 18.60 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.486 min
Delta R.T.: -0.011 min
Response: 1752909
Conc: 20.50 ug/ml



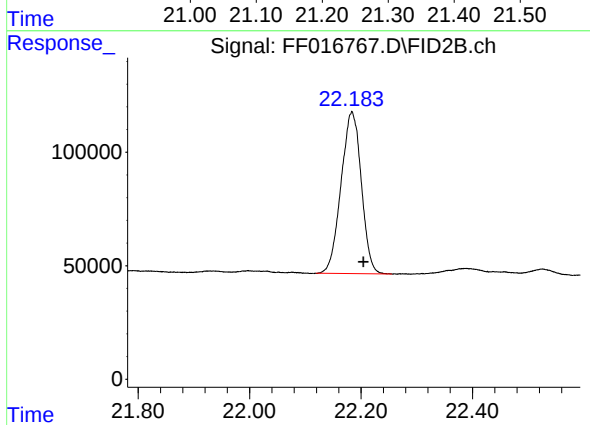
#17 N-OCTATRIACONTANE

R.T.: 21.239 min
Delta R.T.: -0.017 min
Response: 1779224
Conc: 23.18 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.183 min
Delta R.T.: -0.021 min
Response: 1795393
Conc: 26.31 ug/ml m