

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112025\
 Data File : FF016768.D
 Signal(s) : FID2B.ch
 Acq On : 20 Nov 2025 21:10
 Operator : YP\AJ
 Sample : Q3661-01MSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 WASTEMSD

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 01:13:01 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...	15.047	1268194	12.139 ug/ml
Target Compounds			
1) N-OCTANE	2.038	1597895	14.396 ug/ml
2) N-DECANE	4.564	1804088	16.305 ug/ml
3) N-DODECANE	6.743	1842726	16.588 ug/ml
4) N-TETRADECANE	8.576	1833034	16.408 ug/ml
5) N-HEXADECANE	10.184	1858659	16.542 ug/ml
6) N-OCTADECANE	11.630	1978445	16.906 ug/ml
7) N-EICOSANE	12.943	1861009	15.241 ug/ml
8) N-DOCOSANE	14.145	1868524	15.675 ug/ml
10) N-TETRACOSANE	15.252	1958407	16.528 ug/ml
11) N-HEXACOSANE	16.276	1857173	16.166 ug/ml
12) N-OCTACOSANE	17.230	1784980	15.664 ug/ml
13) N-TRIACONTANE	18.122	1939299	17.260 ug/ml
14) N-DOTRIACONTANE	18.958	2110141	19.685 ug/ml
15) N-TETRATRIACONTANE	19.744	2024960	20.608 ug/ml
16) N-HEXATRIACONTANE	20.487	1891283	22.118 ug/ml
17) N-OCTATRIACONTANE	21.243	1858047	24.208 ug/ml
18) N-TETRACONTANE	22.183	1825511	26.748 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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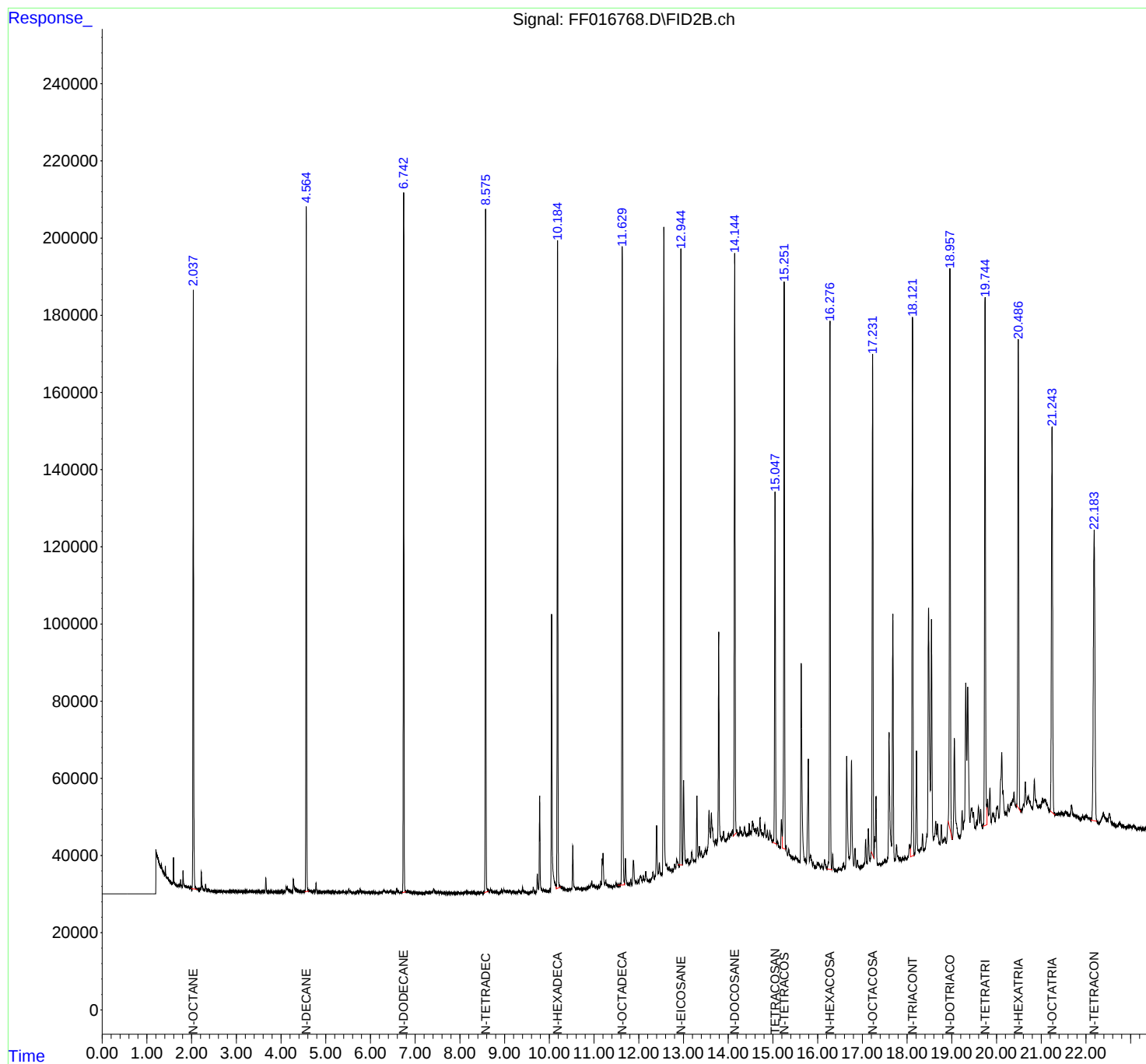
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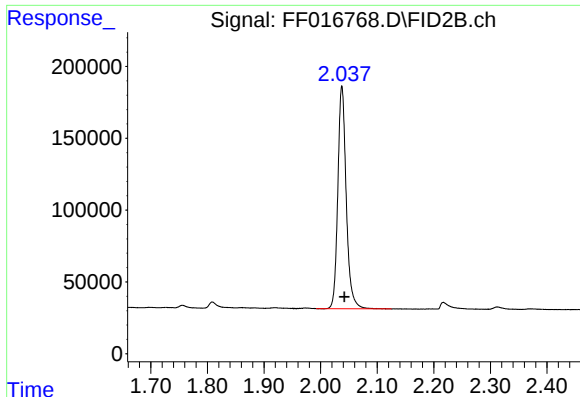
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#1 N-OCTANE

R.T.: 2.038 min
Delta R.T.: -0.004 min
Response: 1597895
Conc: 14.40 ug/ml

Instrument :

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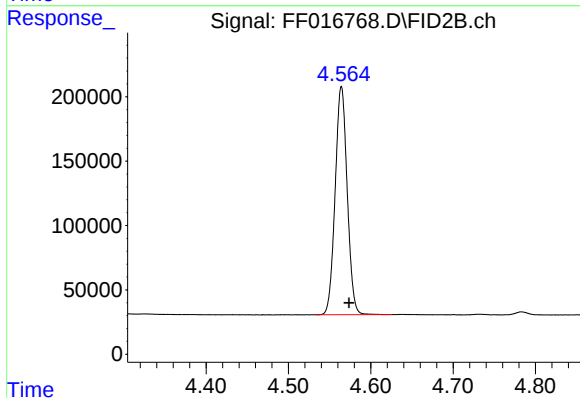
WASTEMSD

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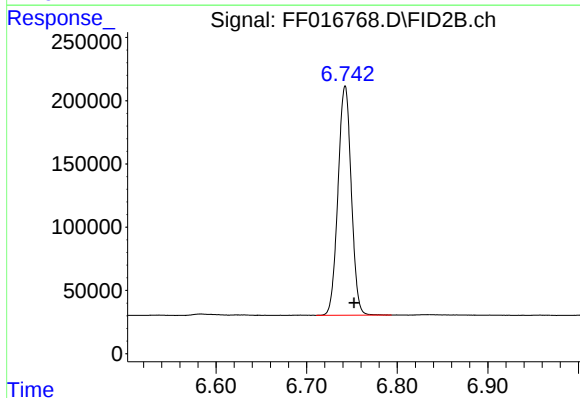
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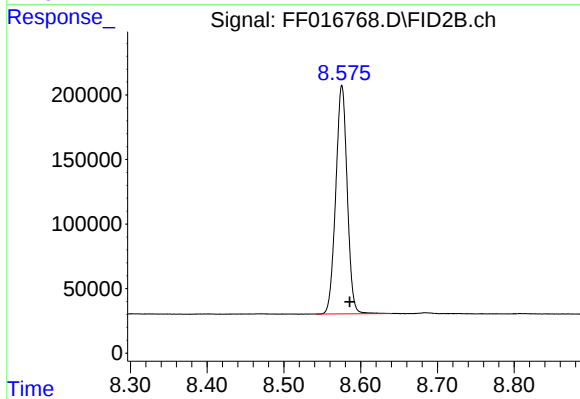
#2 N-DECANE

R.T.: 4.564 min
Delta R.T.: -0.009 min
Response: 1804088
Conc: 16.30 ug/ml



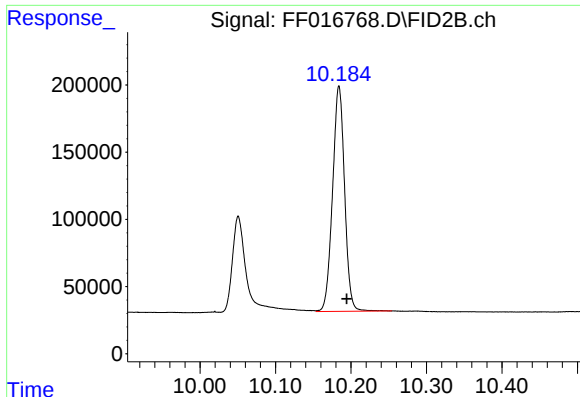
#3 N-DODECANE

R.T.: 6.743 min
Delta R.T.: -0.010 min
Response: 1842726
Conc: 16.59 ug/ml



#4 N-TETRADECANE

R.T.: 8.576 min
Delta R.T.: -0.010 min
Response: 1833034
Conc: 16.41 ug/ml



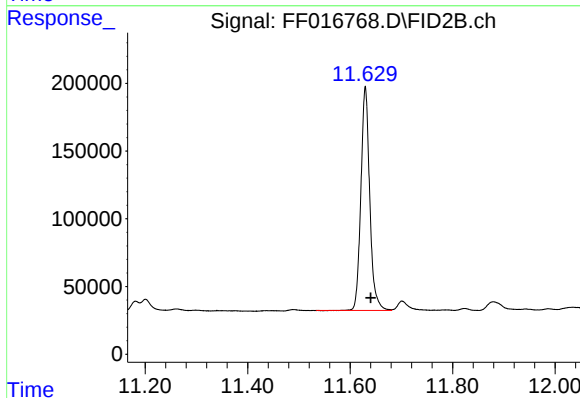
#5 N-HEXADECANE

R.T.: 10.184 min
Delta R.T.: -0.011 min
Response: 1858659
Conc: 16.54 ug/ml

Instrument :
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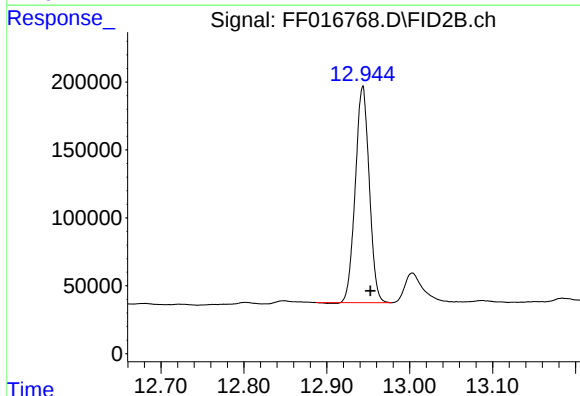
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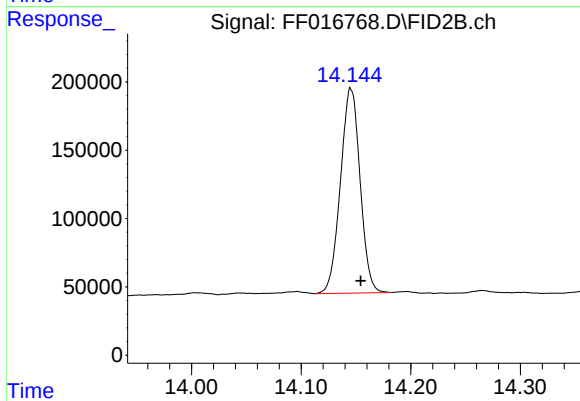
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: -0.010 min
Response: 1978445
Conc: 16.91 ug/ml



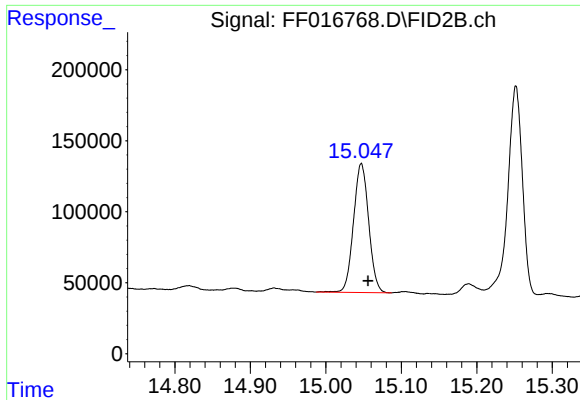
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.009 min
Response: 1861009
Conc: 15.24 ug/ml



#8 N-DOCOSANE

R.T.: 14.145 min
Delta R.T.: -0.009 min
Response: 1868524
Conc: 15.67 ug/ml



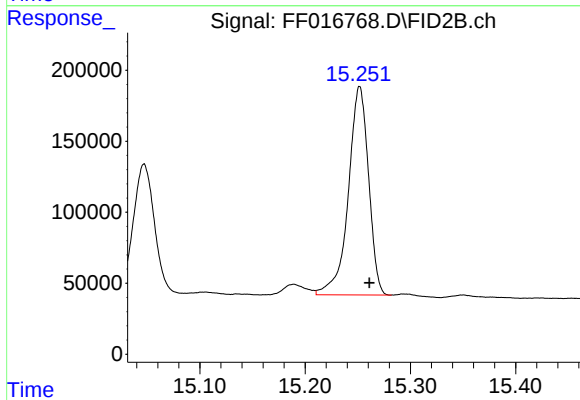
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.047 min
Delta R.T.: -0.009 min
Response: 1268194
Conc: 12.14 ug/ml

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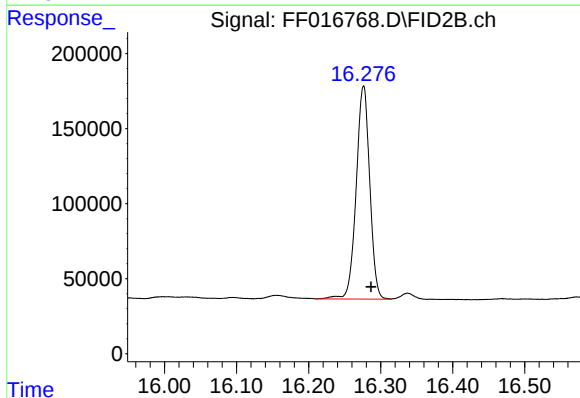
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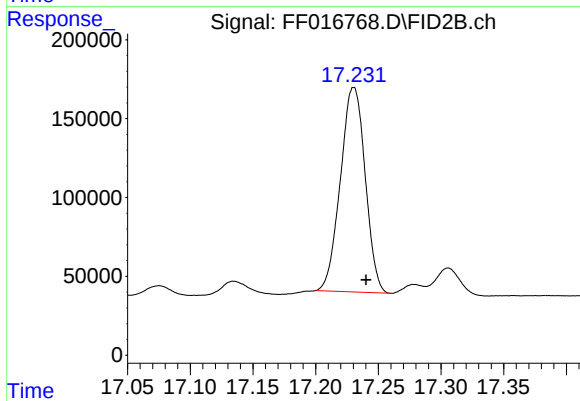
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.009 min
Response: 1958407
Conc: 16.53 ug/ml



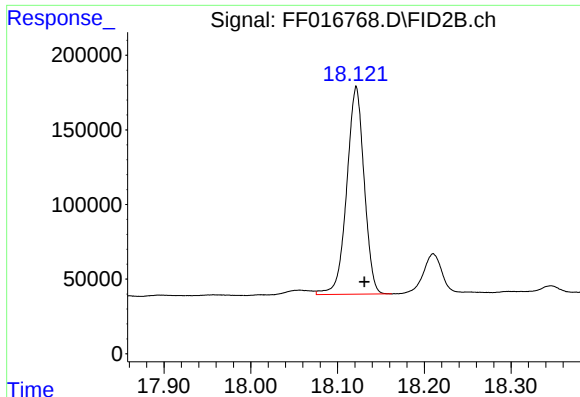
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.010 min
Response: 1857173
Conc: 16.17 ug/ml



#12 N-OCTACOSANE

R.T.: 17.230 min
Delta R.T.: -0.010 min
Response: 1784980
Conc: 15.66 ug/ml



#13 N-TRIACONTANE

R.T.: 18.122 min
Delta R.T.: -0.009 min
Response: 1939299
Conc: 17.26 ug/ml

Instrument :

FID_F

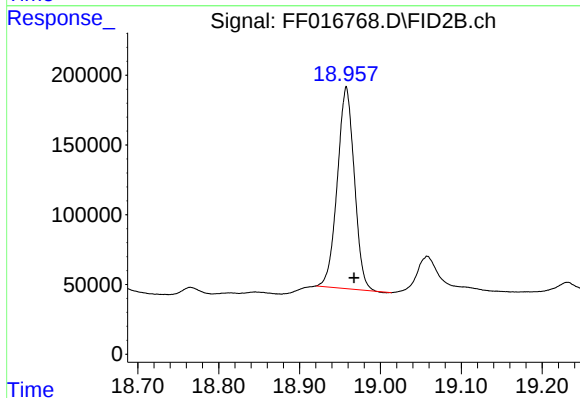
ClientSampleId :

WASTEMSD

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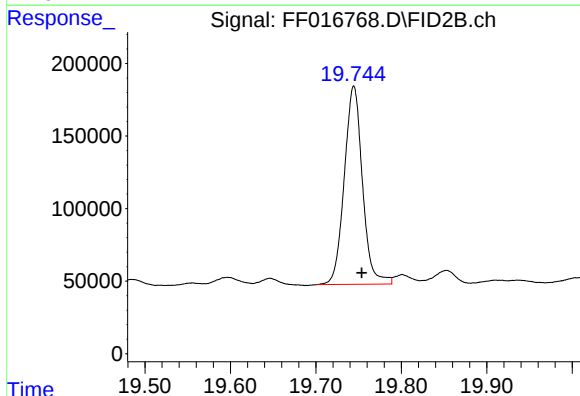
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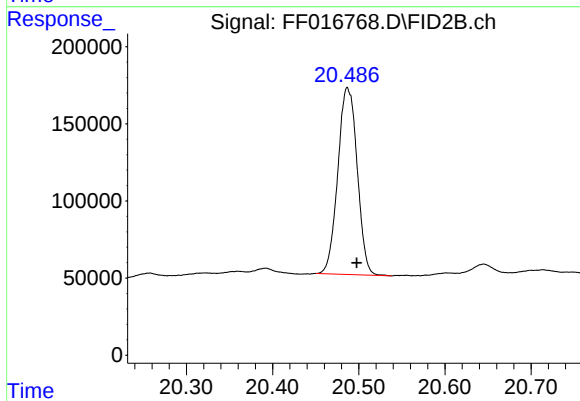
#14 N-DOTRIACONTANE

R.T.: 18.958 min
Delta R.T.: -0.010 min
Response: 2110141
Conc: 19.68 ug/ml



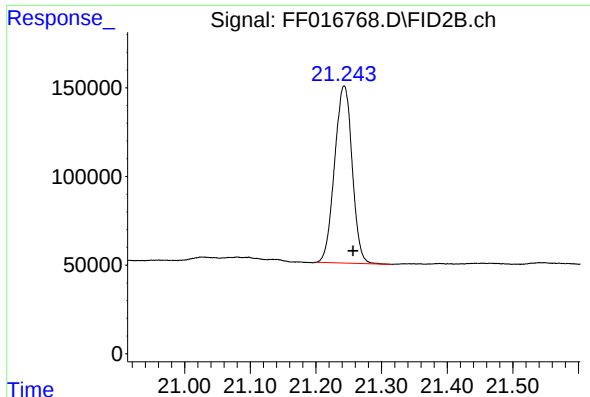
#15 N-TETRATRIACONTANE

R.T.: 19.744 min
Delta R.T.: -0.009 min
Response: 2024960
Conc: 20.61 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.487 min
Delta R.T.: -0.011 min
Response: 1891283
Conc: 22.12 ug/ml



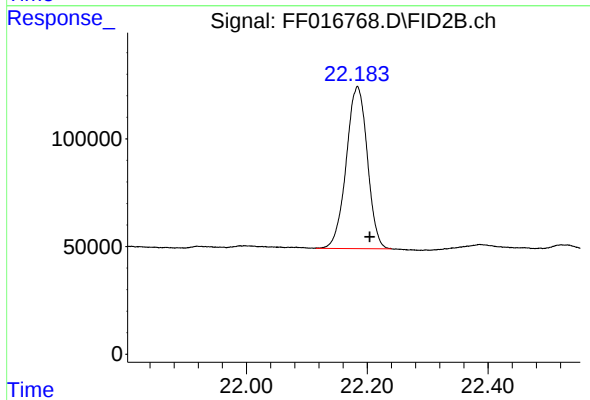
#17 N-OCTATRIACONTANE

R.T.: 21.243 min
Delta R.T.: -0.013 min
Response: 1858047
Conc: 24.21 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.183 min
Delta R.T.: -0.021 min
Response: 1825511
Conc: 26.75 ug/ml m