

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
 Data File : FE052195.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2025 02:44
 Operator : YP\AJ
 Sample : PB166433BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166433BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Feb 03 01:51:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 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...	15.293	1813950	18.213 ug/ml
Target Compounds			
1) N-OCTANE	2.463	1228987	14.411 ug/ml
2) N-DECANE	4.957	1626409	17.774 ug/ml
3) N-DODECANE	7.081	1775340	17.768 ug/ml
4) N-TETRADECANE	8.885	1896312	18.637 ug/ml
5) N-HEXADECANE	10.476	1988968	18.665 ug/ml
6) N-OCTADECANE	11.908	2071546	18.476 ug/ml
7) N-EICOSANE	13.208	2118522	19.021 ug/ml
8) N-DOCOSANE	14.399	2063610	18.586 ug/ml
10) N-TETRACOSANE	15.496	2065317	18.672 ug/ml
11) N-HEXACOSANE	16.511	2047816	18.786 ug/ml
12) N-OCTACOSANE	17.456	2022219	18.735 ug/ml
13) N-TRIACONTANE	18.341	2045808	19.066 ug/ml
14) N-DOTRIACONTANE	19.170	2050894	19.641 ug/mlm
15) N-TETRATRIACONTANE	19.951	2060516	21.943 ug/ml
16) N-HEXATRIACONTANE	20.689	2084984	25.819 ug/ml
17) N-OCTATRIACONTANE	21.484	2173480	29.131 ug/ml
18) N-TETRACONTANE	22.502	2228470	30.260 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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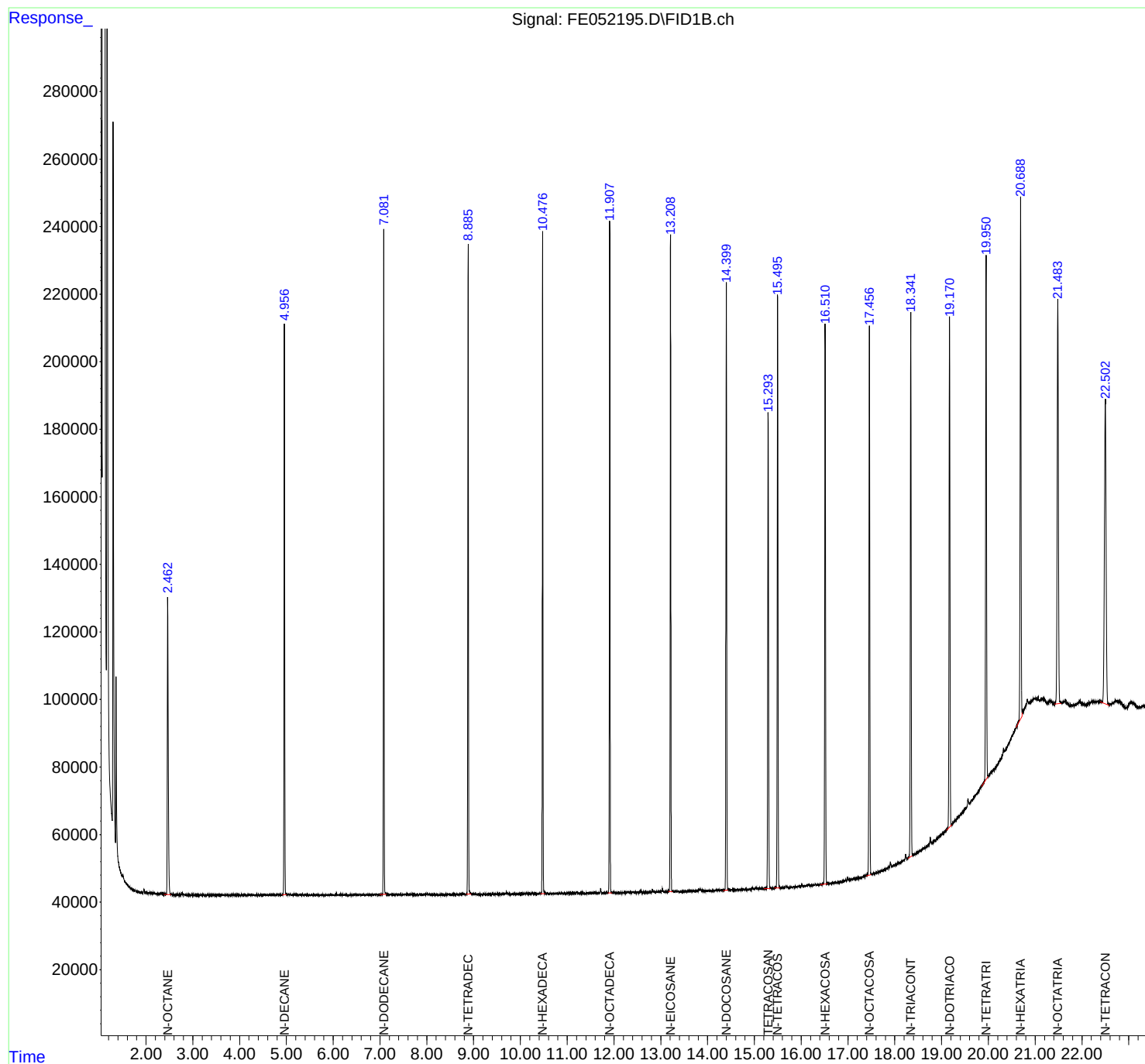
APPROVED

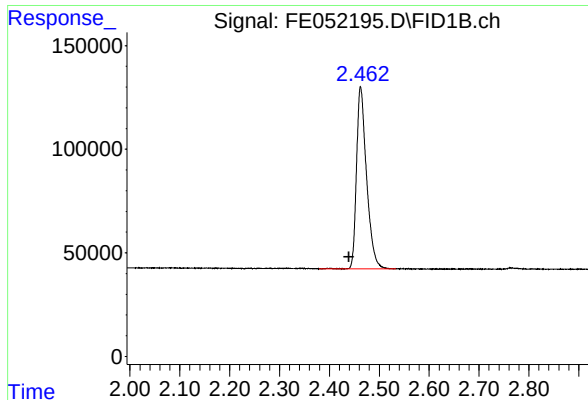
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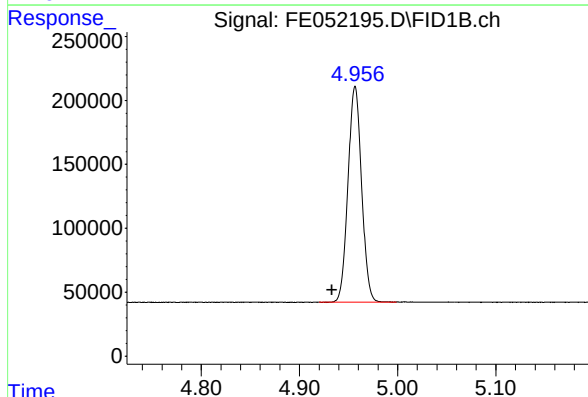
#1 N-OCTANE

R.T.: 2.463 min
Delta R.T.: 0.024 min
Response: 1228987
Conc: 14.41 ug/ml

Instrument :
FID_E
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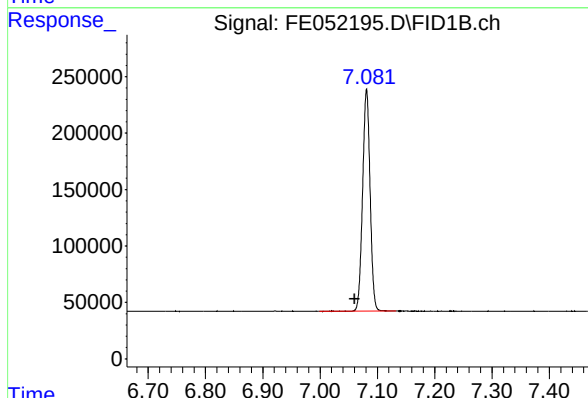
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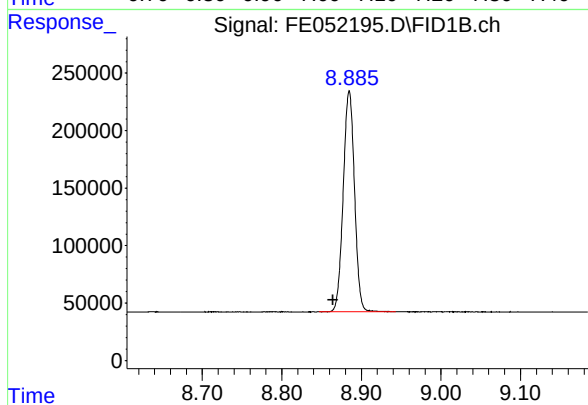
#2 N-DECANE

R.T.: 4.957 min
Delta R.T.: 0.024 min
Response: 1626409
Conc: 17.77 ug/ml



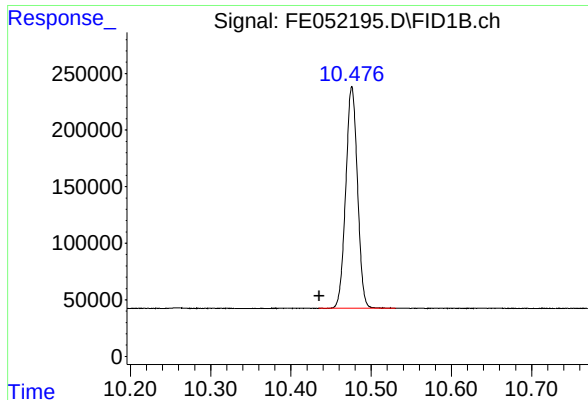
#3 N-DODECANE

R.T.: 7.081 min
Delta R.T.: 0.021 min
Response: 1775340
Conc: 17.77 ug/ml



#4 N-TETRADECANE

R.T.: 8.885 min
Delta R.T.: 0.021 min
Response: 1896312
Conc: 18.64 ug/ml



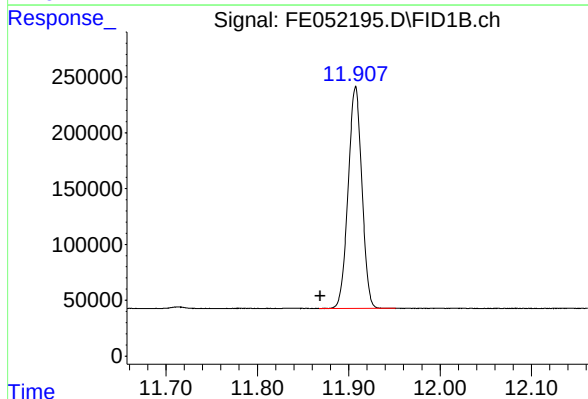
#5 N-HEXADECANE

R.T.: 10.476 min
Delta R.T.: 0.040 min
Response: 1988968
Conc: 18.67 ug/ml

Instrument :
FID_E
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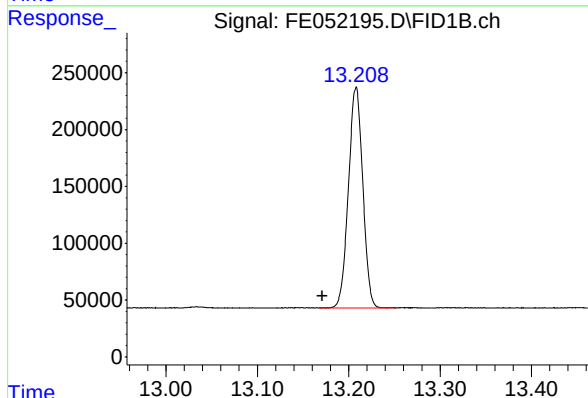
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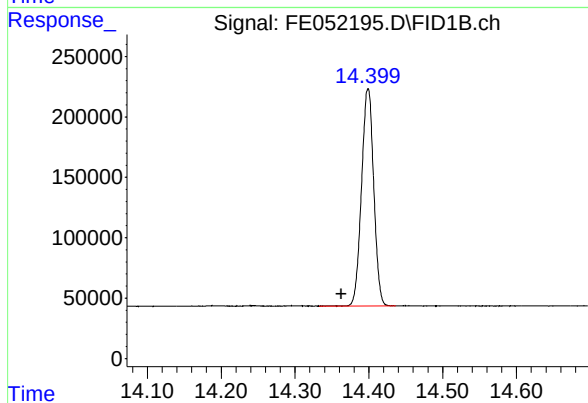
#6 N-OCTADECANE

R.T.: 11.908 min
Delta R.T.: 0.039 min
Response: 2071546
Conc: 18.48 ug/ml



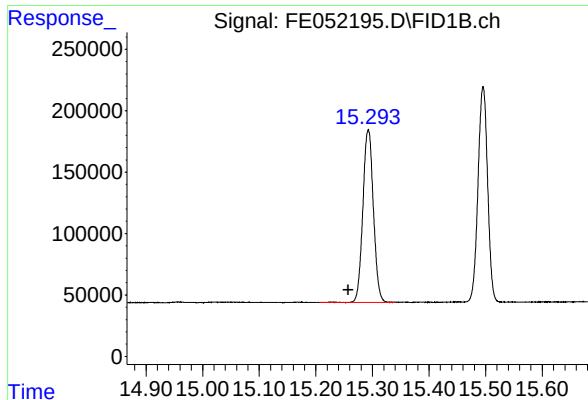
#7 N-EICOSANE

R.T.: 13.208 min
Delta R.T.: 0.037 min
Response: 2118522
Conc: 19.02 ug/ml



#8 N-DOCOSANE

R.T.: 14.399 min
Delta R.T.: 0.037 min
Response: 2063610
Conc: 18.59 ug/ml



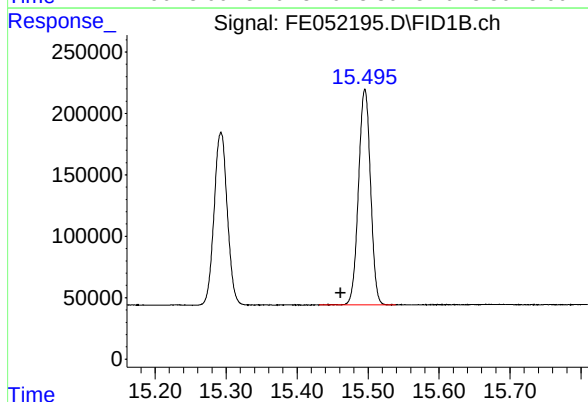
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.293 min
Delta R.T.: 0.036 min
Response: 1813950
Conc: 18.21 ug/ml

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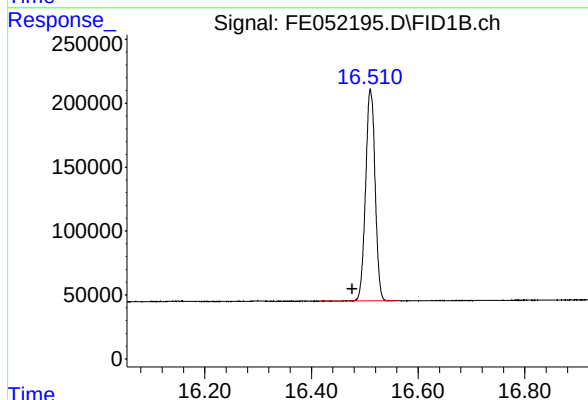
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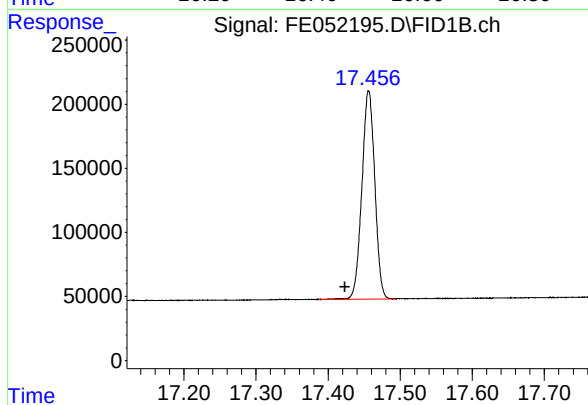
#10 N-TETRACOSANE

R.T.: 15.496 min
Delta R.T.: 0.035 min
Response: 2065317
Conc: 18.67 ug/ml



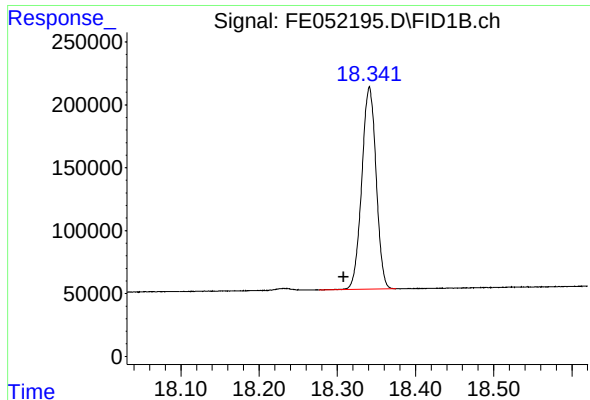
#11 N-HEXACOSANE

R.T.: 16.511 min
Delta R.T.: 0.034 min
Response: 2047816
Conc: 18.79 ug/ml



#12 N-OCTACOSANE

R.T.: 17.456 min
Delta R.T.: 0.033 min
Response: 2022219
Conc: 18.73 ug/ml



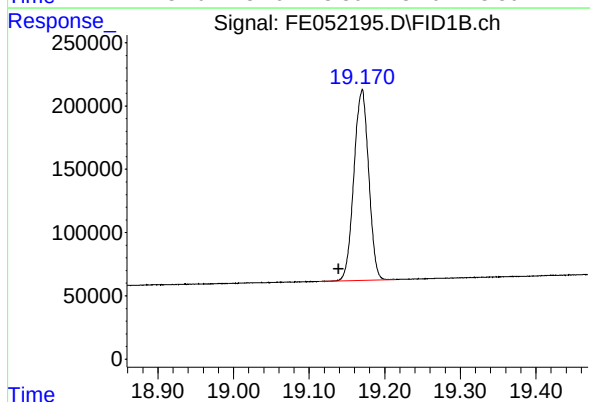
#13 N-TRIACONTANE

R.T.: 18.341 min
Delta R.T.: 0.033 min
Response: 2045808
Conc: 19.07 ug/ml

Instrument :
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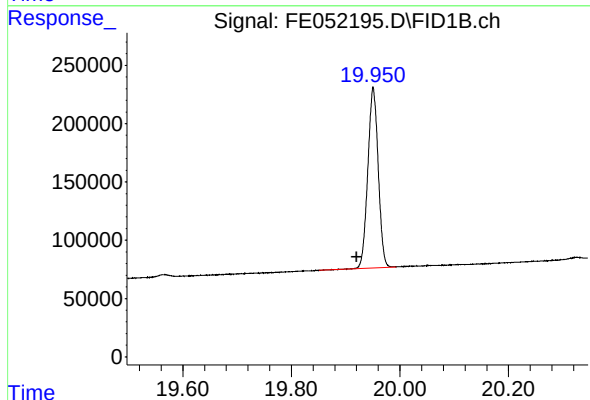
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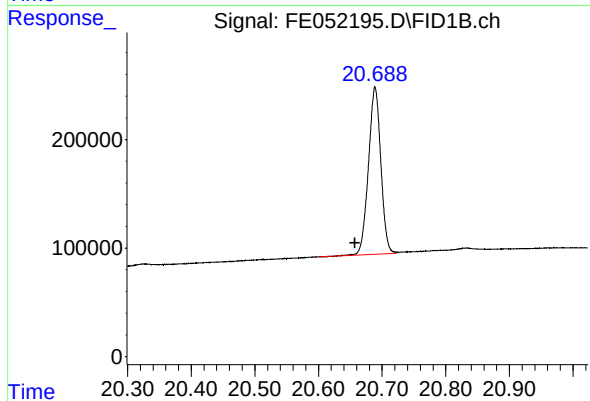
#14 N-DOTRIACONTANE

R.T.: 19.170 min
Delta R.T.: 0.031 min
Response: 2050894
Conc: 19.64 ug/ml m



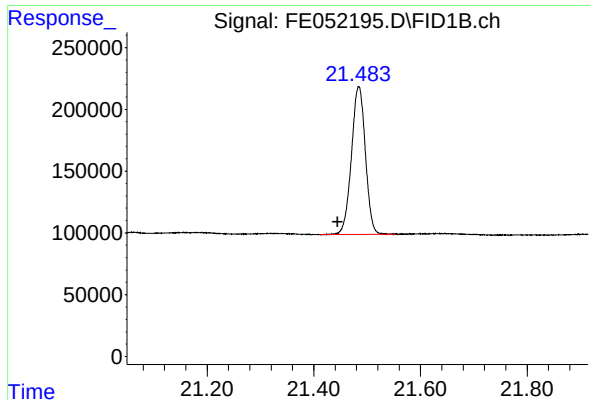
#15 N-TETRATRIACONTANE

R.T.: 19.951 min
Delta R.T.: 0.031 min
Response: 2060516
Conc: 21.94 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.689 min
Delta R.T.: 0.032 min
Response: 2084984
Conc: 25.82 ug/ml



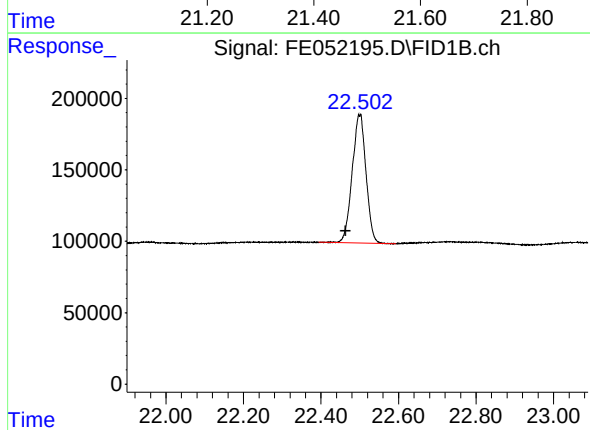
#17 N-OCTATRIACONTANE

R.T.: 21.484 min
Delta R.T.: 0.040 min
Response: 2173480
Conc: 29.13 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.502 min
Delta R.T.: 0.038 min
Response: 2228470
Conc: 30.26 ug/ml