

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
 Data File : FE052197.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2025 03:45
 Operator : YP\AJ
 Sample : Q1236-01MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WASTEMS

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 01:37:51 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...	15.292	1103666	11.081 ug/ml
Target Compounds			
1) N-OCTANE	2.462	1294562	15.180 ug/ml
2) N-DECANE	4.956	1596470	17.447 ug/ml
3) N-DODECANE	7.082	1701305	17.027 ug/ml
4) N-TETRADECANE	8.885	1845504	18.138 ug/ml
5) N-HEXADECANE	10.477	1845637	17.320 ug/ml
6) N-OCTADECANE	11.907	1980348	17.663 ug/mlm
7) N-EICOSANE	13.208	2010703	18.053 ug/ml
8) N-DOCOSANE	14.398	1920485	17.297 ug/ml
10) N-TETRACOSANE	15.496	2068947	18.705 ug/ml
11) N-HEXACOSANE	16.511	1912793	17.547 ug/ml
12) N-OCTACOSANE	17.457	1891902	17.527 ug/mlm
13) N-TRIACONTANE	18.342	2037338	18.987 ug/ml
14) N-DOTRIACONTANE	19.171	2108340	20.192 ug/ml
15) N-TETRATRIACONTANE	19.951	2075862	22.106 ug/mlm
16) N-HEXATRIACONTANE	20.689	2452218	30.367 ug/mlm
17) N-OCTATRIACONTANE	21.485	2333177	31.272 ug/ml
18) N-TETRACONTANE	22.500	2399881	32.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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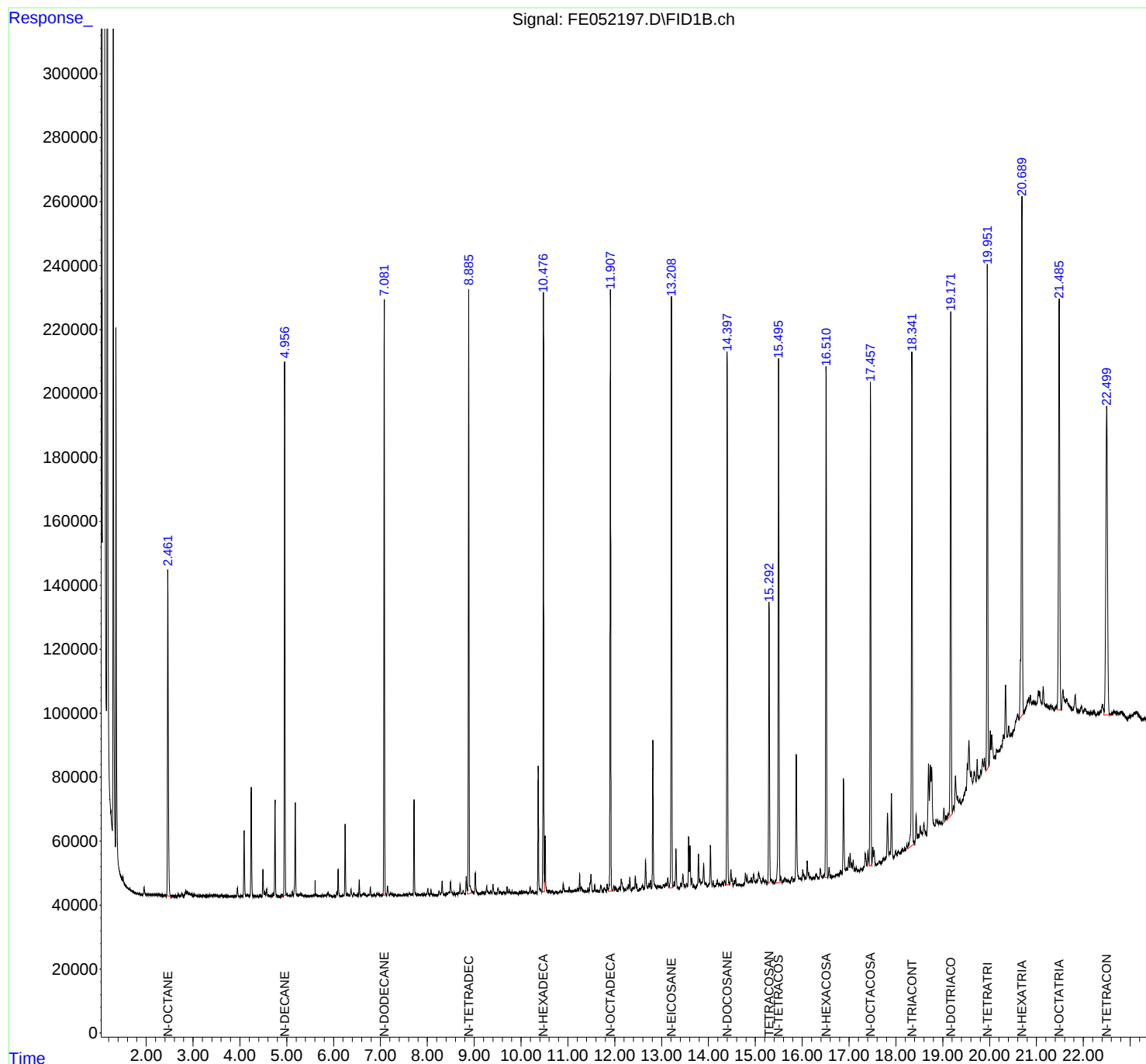
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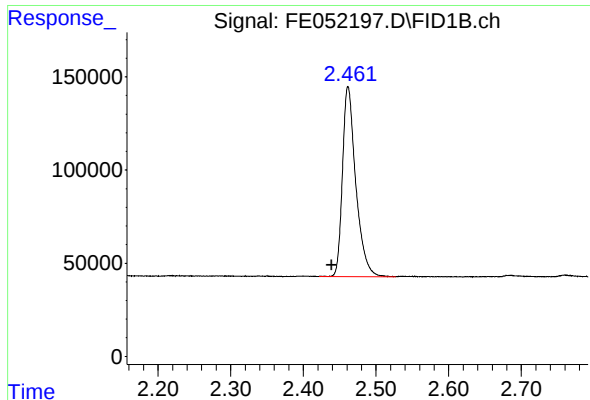
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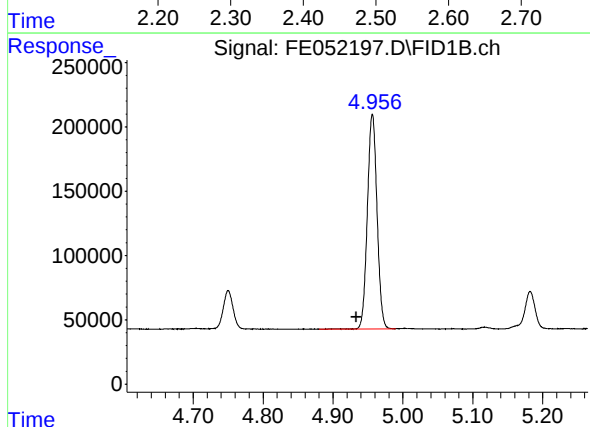
#1 N-OCTANE

R.T.: 2.462 min
Delta R.T.: 0.023 min
Response: 1294562
Conc: 15.18 ug/ml

Instrument :
FID_E
ClientSampleId :
WASTEMS

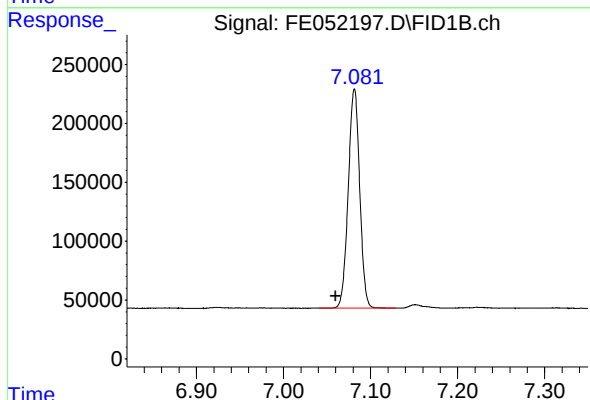
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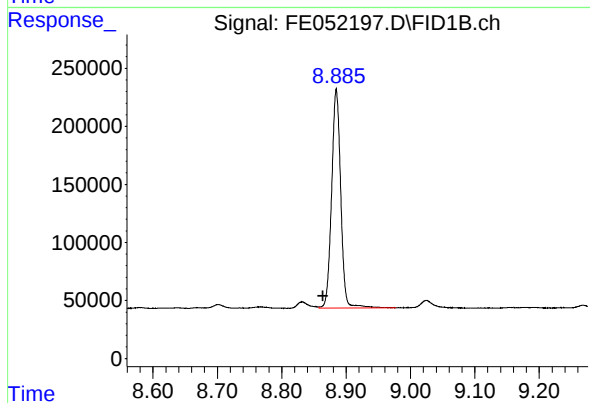
#2 N-DECANE

R.T.: 4.956 min
Delta R.T.: 0.023 min
Response: 1596470
Conc: 17.45 ug/ml



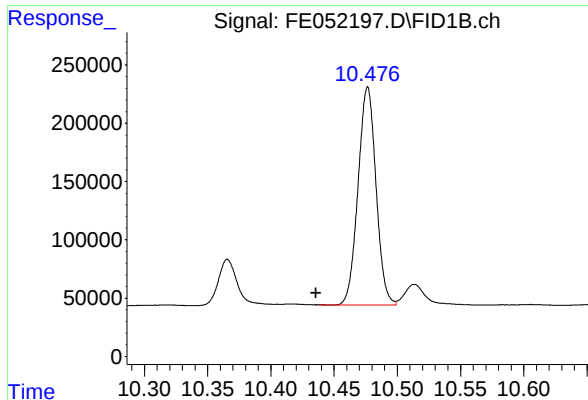
#3 N-DODECANE

R.T.: 7.082 min
Delta R.T.: 0.022 min
Response: 1701305
Conc: 17.03 ug/ml



#4 N-TETRADECANE

R.T.: 8.885 min
Delta R.T.: 0.021 min
Response: 1845504
Conc: 18.14 ug/ml



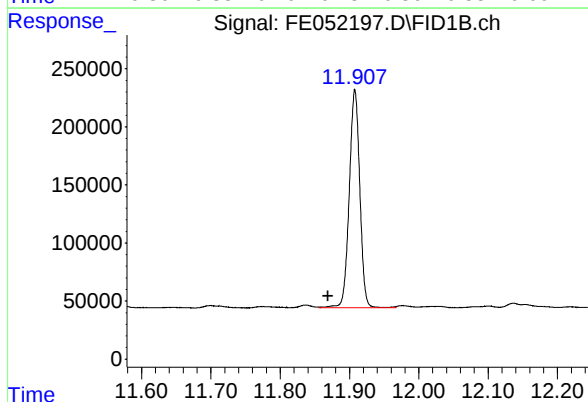
#5 N-HEXADECANE

R.T.: 10.477 min
Delta R.T.: 0.041 min
Response: 1845637
Conc: 17.32 ug/ml

Instrument :
FID_E
ClientSampleId :
WASTEMS

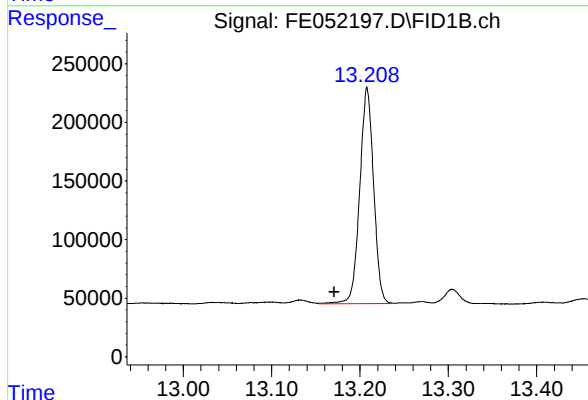
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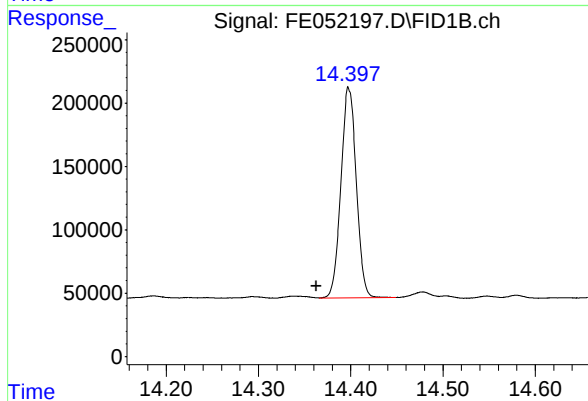
#6 N-OCTADECANE

R.T.: 11.907 min
Delta R.T.: 0.038 min
Response: 1980348
Conc: 17.66 ug/ml



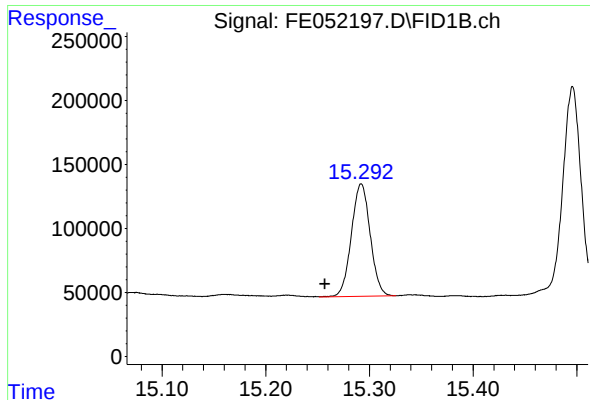
#7 N-EICOSANE

R.T.: 13.208 min
Delta R.T.: 0.037 min
Response: 2010703
Conc: 18.05 ug/ml



#8 N-DOCOSANE

R.T.: 14.398 min
Delta R.T.: 0.035 min
Response: 1920485
Conc: 17.30 ug/ml



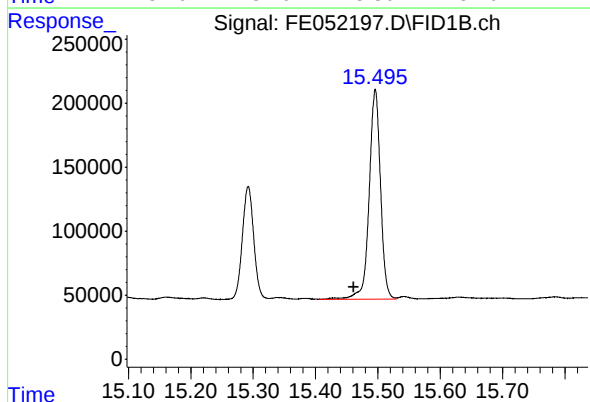
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.292 min
Delta R.T.: 0.035 min
Response: 1103666
Conc: 11.08 ug/ml

Instrument :
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WASTEMS

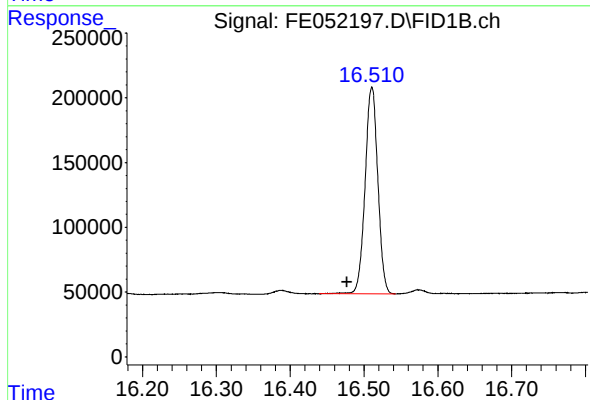
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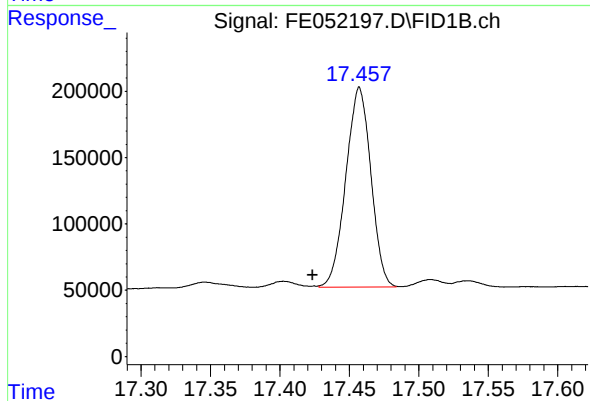
#10 N-TETRACOSANE

R.T.: 15.496 min
Delta R.T.: 0.035 min
Response: 2068947
Conc: 18.70 ug/ml



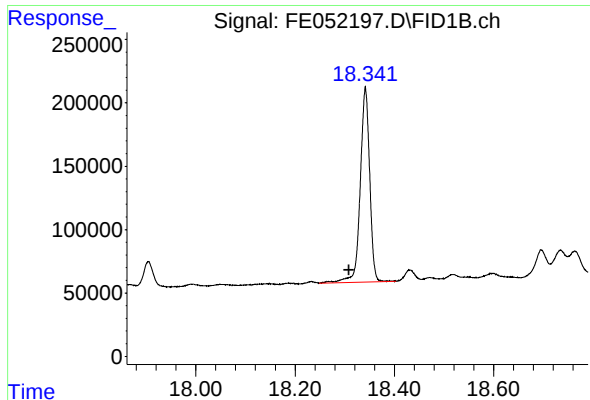
#11 N-HEXACOSANE

R.T.: 16.511 min
Delta R.T.: 0.034 min
Response: 1912793
Conc: 17.55 ug/ml



#12 N-OCTACOSANE

R.T.: 17.457 min
Delta R.T.: 0.033 min
Response: 1891902
Conc: 17.53 ug/ml m



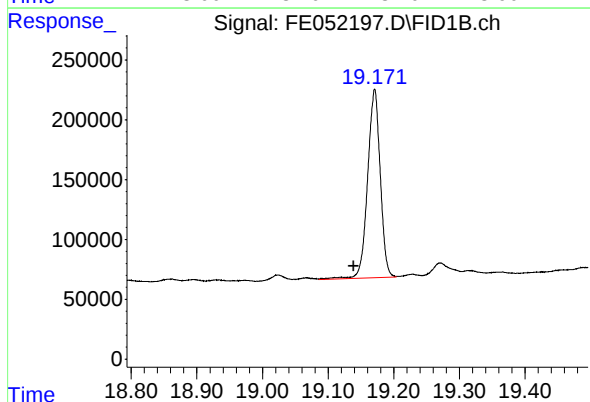
#13 N-TRIACONTANE

R.T.: 18.342 min
Delta R.T.: 0.034 min
Response: 2037338
Conc: 18.99 ug/ml

Instrument :
FID_E
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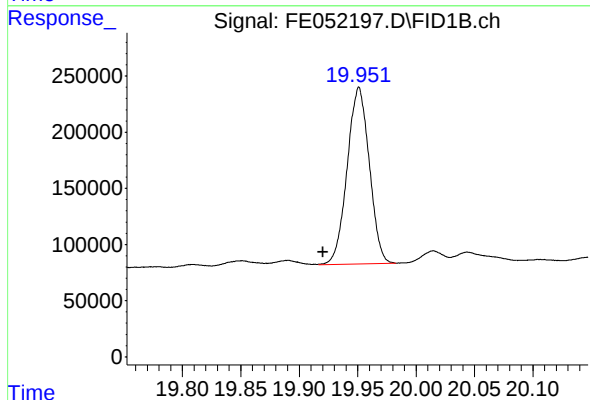
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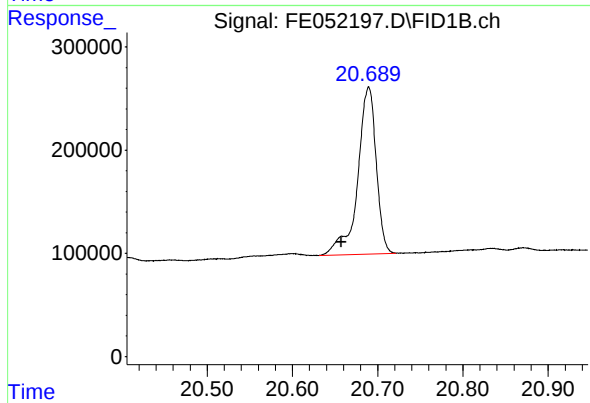
#14 N-DOTRIACONTANE

R.T.: 19.171 min
Delta R.T.: 0.032 min
Response: 2108340
Conc: 20.19 ug/ml



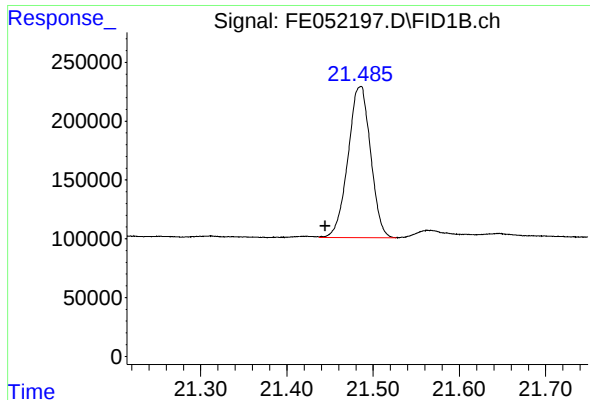
#15 N-TETRATRIACONTANE

R.T.: 19.951 min
Delta R.T.: 0.031 min
Response: 2075862
Conc: 22.11 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.689 min
Delta R.T.: 0.032 min
Response: 2452218
Conc: 30.37 ug/ml m



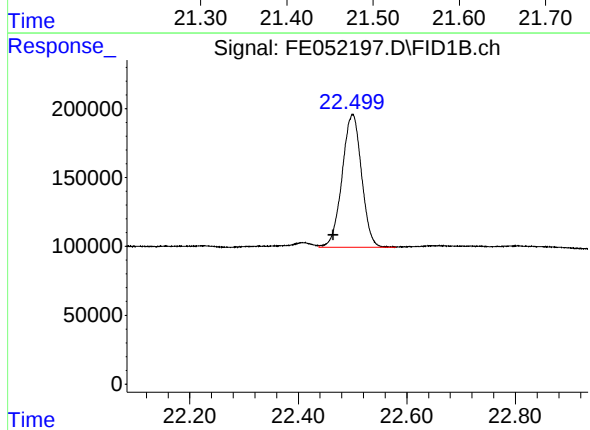
#17 N-OCTATRIACONTANE

R.T.: 21.485 min
Delta R.T.: 0.041 min
Response: 2333177
Conc: 31.27 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.500 min
Delta R.T.: 0.036 min
Response: 2399881
Conc: 32.59 ug/ml