

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123023\
 Data File : FE046040.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2023 12:50
 Operator : YP\AJ
 Sample : 4400 TRPH STD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 4400 TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/02/2024
 Supervised By :Ankita Jodhani 01/02/2024

Integration File: autoint1.e
 Quant Time: Dec 29 23:40:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE121423.M
 Quant Title :
 QLast Update : Thu Dec 14 11:27:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20m x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
13) S TETRACOSANE-d50 (SURR...	14.940	7149019	57.252 ug/ml
Target Compounds			
1) N-OCTANE	1.968	56583030	424.300 ug/ml
2) N-NONANE	3.233	58930483	436.200 ug/ml
3) N-DECANE	4.500	92005515	664.190 ug/ml
4) N-UNDECANE	5.641	93486472	669.484 ug/ml
5) N-DODECANE	6.673	93765529	673.140 ug/ml
6) N-TETRADECANE	8.501	94495574	677.836 ug/ml
7) N-HEXADECANE	10.108	77210000	561.936 ug/ml
8) N-OCTADECANE	11.541	38226945	283.643 ug/ml
9) N-EICOSANE	12.842	14784256	115.005 ug/ml
10) N-TETRACOSANE	15.149	14157676	115.209 ug/ml
11) N-OCTACOSANE	17.122	6829035	57.884 ug/ml
12) N-DOTRIACONTANE	18.849	6764891	57.008 ug/mlm
14) N-HEXATRIACONTANE	20.378	6779279	59.506 ug/mlm
15) N-TETRACONTANE	22.012	4928912	58.746 ug/mlm
16) N-TETRTETRACOOCTANE	24.776	2126269	51.470 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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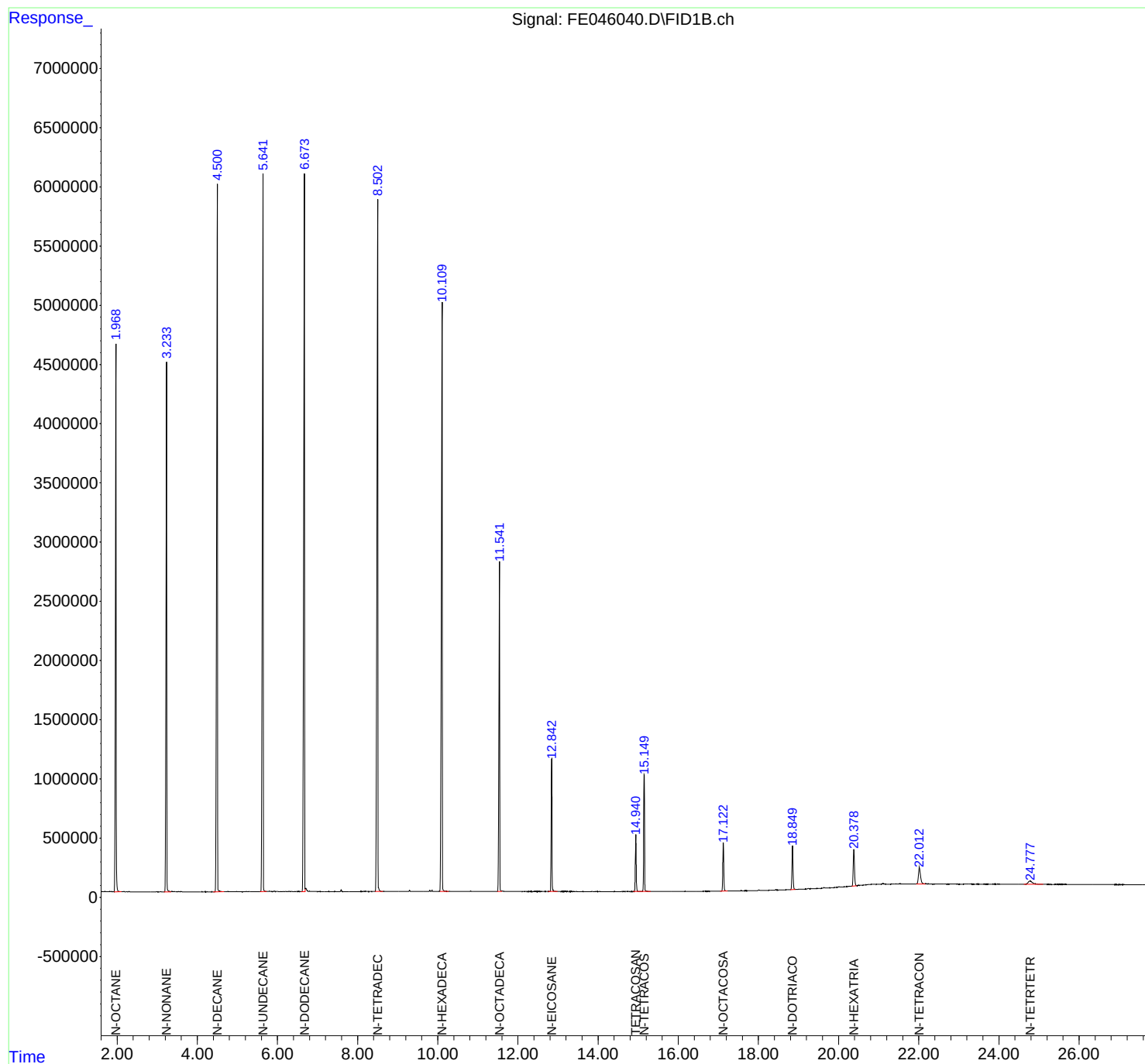
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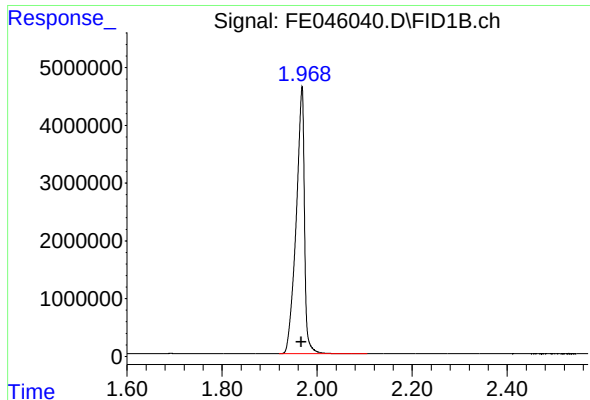
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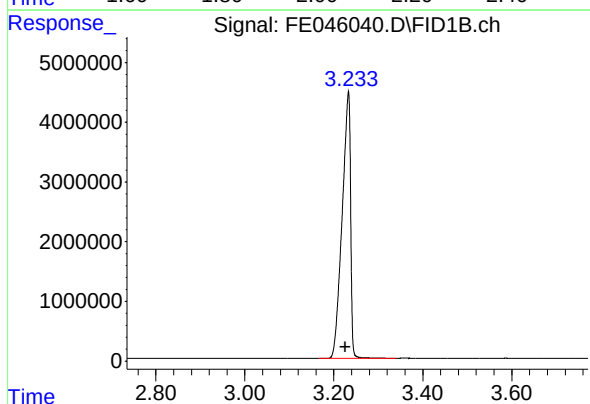
#1 N-OCTANE

R.T.: 1.968 min
Delta R.T.: 0.001 min
Response: 56583030
Conc: 424.30 ug/ml

Instrument :
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4400 TRPH STD

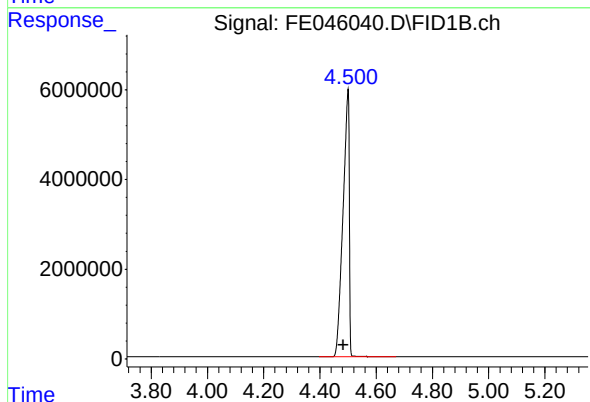
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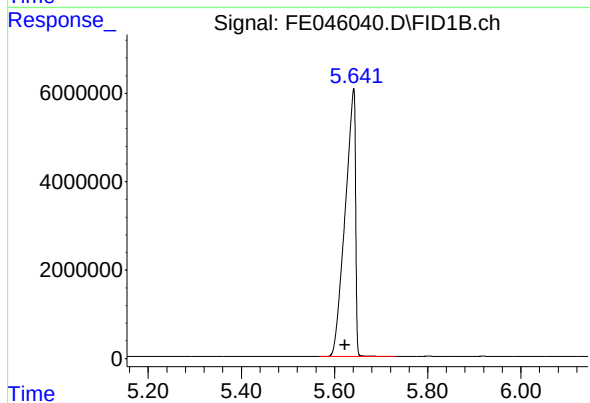
#2 N-NONANE

R.T.: 3.233 min
Delta R.T.: 0.007 min
Response: 58930483
Conc: 436.20 ug/ml



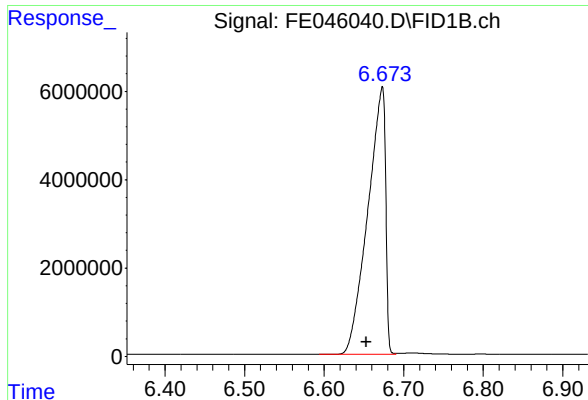
#3 N-DECANE

R.T.: 4.500 min
Delta R.T.: 0.016 min
Response: 92005515
Conc: 664.19 ug/ml



#4 N-UNDECANE

R.T.: 5.641 min
Delta R.T.: 0.018 min
Response: 93486472
Conc: 669.48 ug/ml



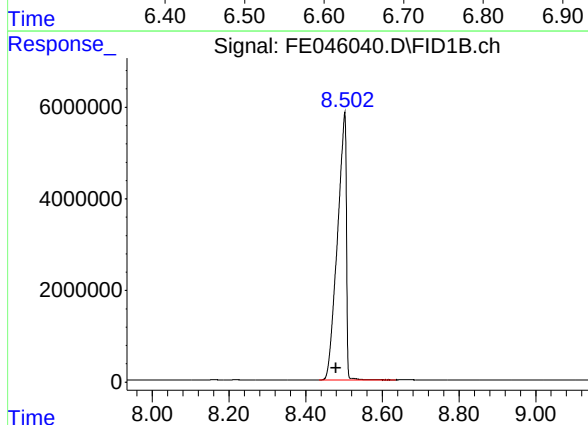
#5 N-DODECANE

R.T.: 6.673 min
Delta R.T.: 0.020 min
Response: 93765529
Conc: 673.14 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD

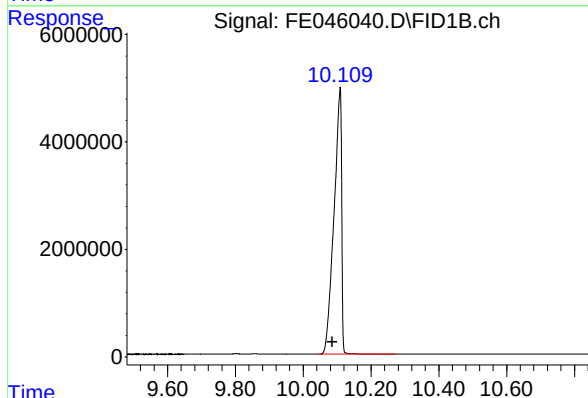
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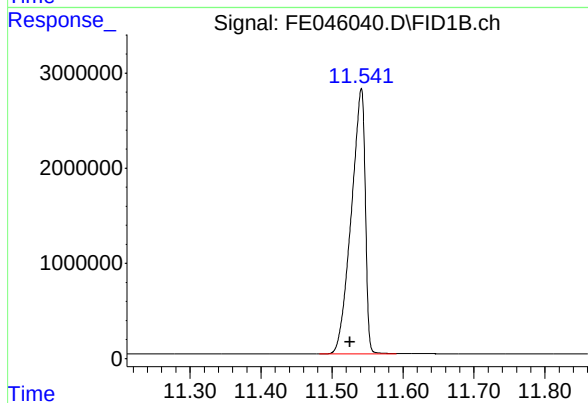
#6 N-TETRADECANE

R.T.: 8.501 min
Delta R.T.: 0.023 min
Response: 94495574
Conc: 677.84 ug/ml



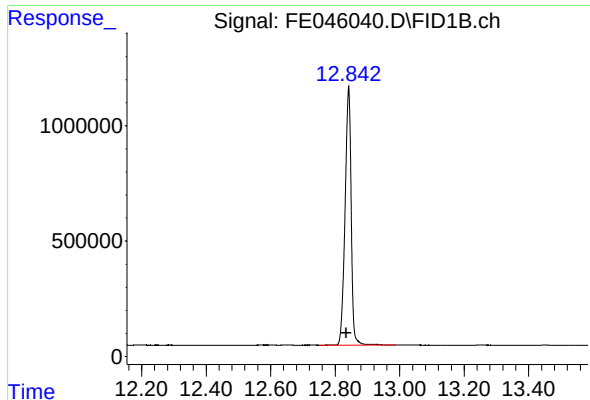
#7 N-HEXADECANE

R.T.: 10.108 min
Delta R.T.: 0.023 min
Response: 77210000
Conc: 561.94 ug/ml



#8 N-OCTADECANE

R.T.: 11.541 min
Delta R.T.: 0.016 min
Response: 38226945
Conc: 283.64 ug/ml



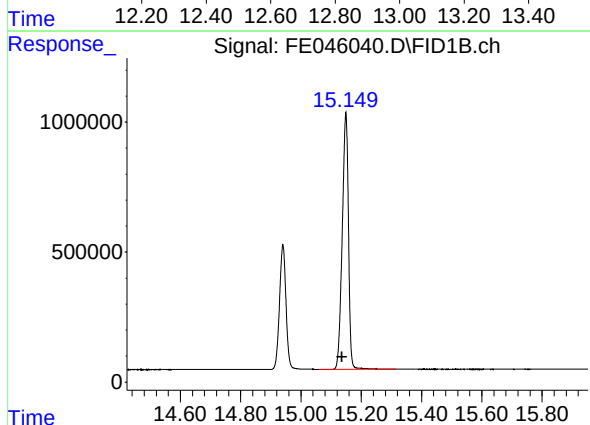
#9 N-EICOSANE

R.T.: 12.842 min
Delta R.T.: 0.008 min
Response: 14784256
Conc: 115.00 ug/ml

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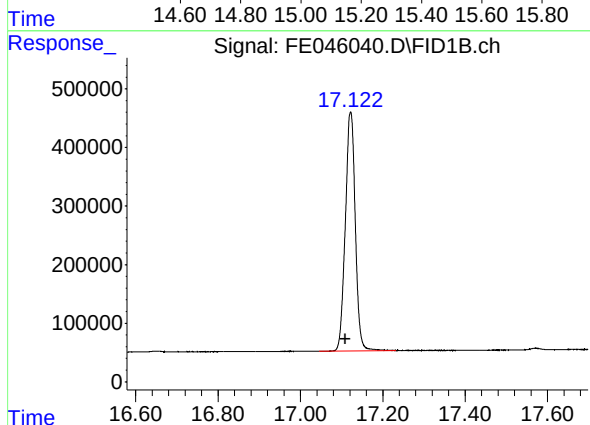
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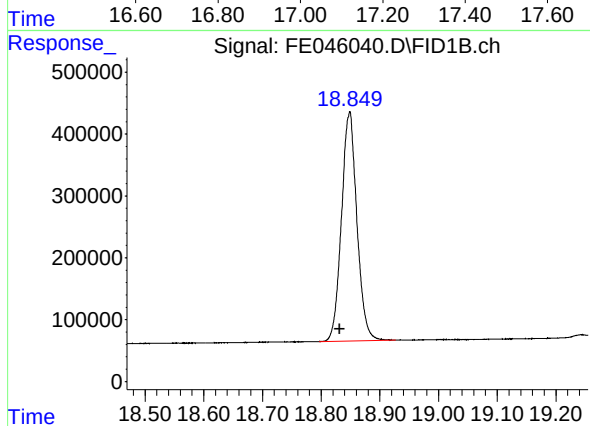
#10 N-TETRACOSANE

R.T.: 15.149 min
Delta R.T.: 0.013 min
Response: 14157676
Conc: 115.21 ug/ml



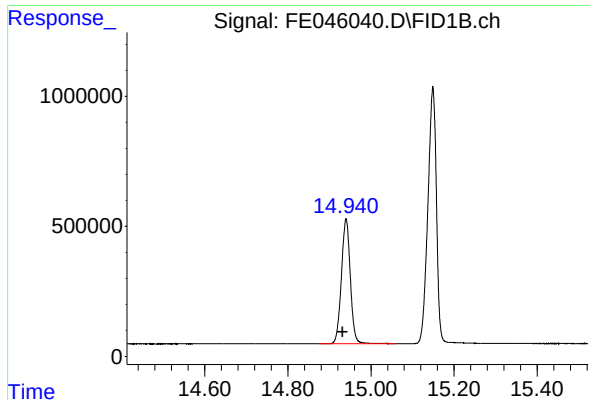
#11 N-OCTACOSANE

R.T.: 17.122 min
Delta R.T.: 0.013 min
Response: 6829035
Conc: 57.88 ug/ml



#12 N-DOTRIACONTANE

R.T.: 18.849 min
Delta R.T.: 0.018 min
Response: 6764891
Conc: 57.01 ug/ml m



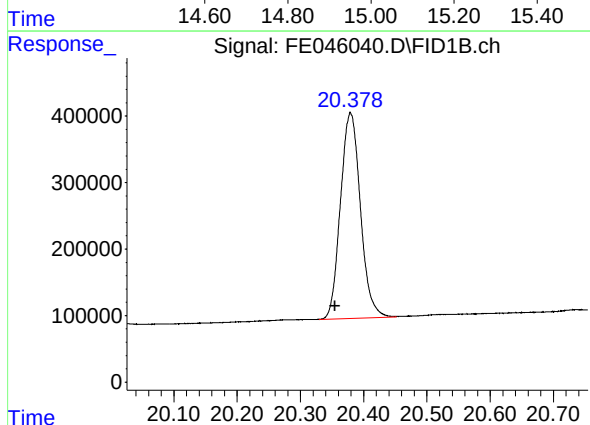
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.940 min
Delta R.T.: 0.008 min
Response: 7149019
Conc: 57.25 ug/ml

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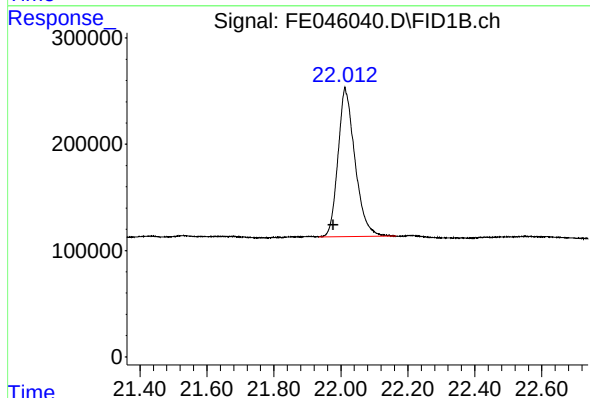
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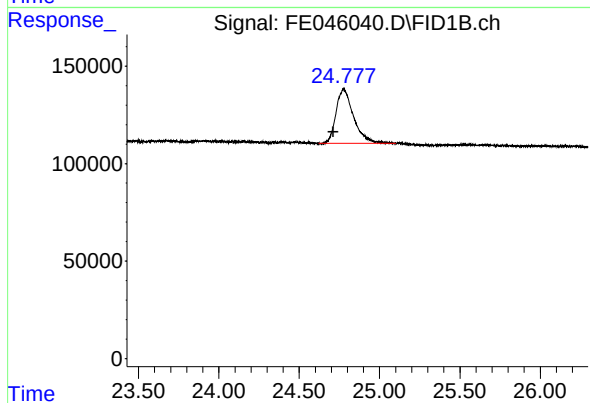
#14 N-HEXATRIACONTANE

R.T.: 20.378 min
Delta R.T.: 0.023 min
Response: 6779279
Conc: 59.51 ug/ml m



#15 N-TETRACONTANE

R.T.: 22.012 min
Delta R.T.: 0.035 min
Response: 4928912
Conc: 58.75 ug/ml m



#16 N-TETRATETRACOCTANE

R.T.: 24.776 min
Delta R.T.: 0.063 min
Response: 2126269
Conc: 51.47 ug/ml