

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE123023\
 Data File : FE046049.D
 Signal(s) : FID1B.ch
 Acq On : 29 Dec 2023 18:04
 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 23:42:00 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...	14.936	6363106	50.958 ug/ml
Target Compounds			
1) N-OCTANE	1.965	49710568	372.766 ug/ml
2) N-NONANE	3.229	51747041	383.029 ug/ml
3) N-DECANE	4.495	80932741	584.256 ug/ml
4) N-UNDECANE	5.636	82350652	589.738 ug/ml
5) N-DODECANE	6.668	82629085	593.192 ug/ml
6) N-TETRADECANE	8.496	83744064	600.713 ug/ml
7) N-HEXADECANE	10.103	68707958	500.058 ug/ml
8) N-OCTADECANE	11.536	34227791	253.969 ug/ml
9) N-EICOSANE	12.837	13184783	102.563 ug/ml
10) N-TETRACOSANE	15.143	12610285	102.617 ug/ml
11) N-OCTACOSANE	17.114	6079779	51.533 ug/ml
12) N-DOTRIACONTANE	18.840	6007759	50.628 ug/ml
14) N-HEXATRIACONTANE	20.368	5937771	52.120 ug/mlm
15) N-TETRACONTANE	21.994	4268712	50.878 ug/ml
16) N-TETRTETRACOOCTANE	24.747	1862714	45.090 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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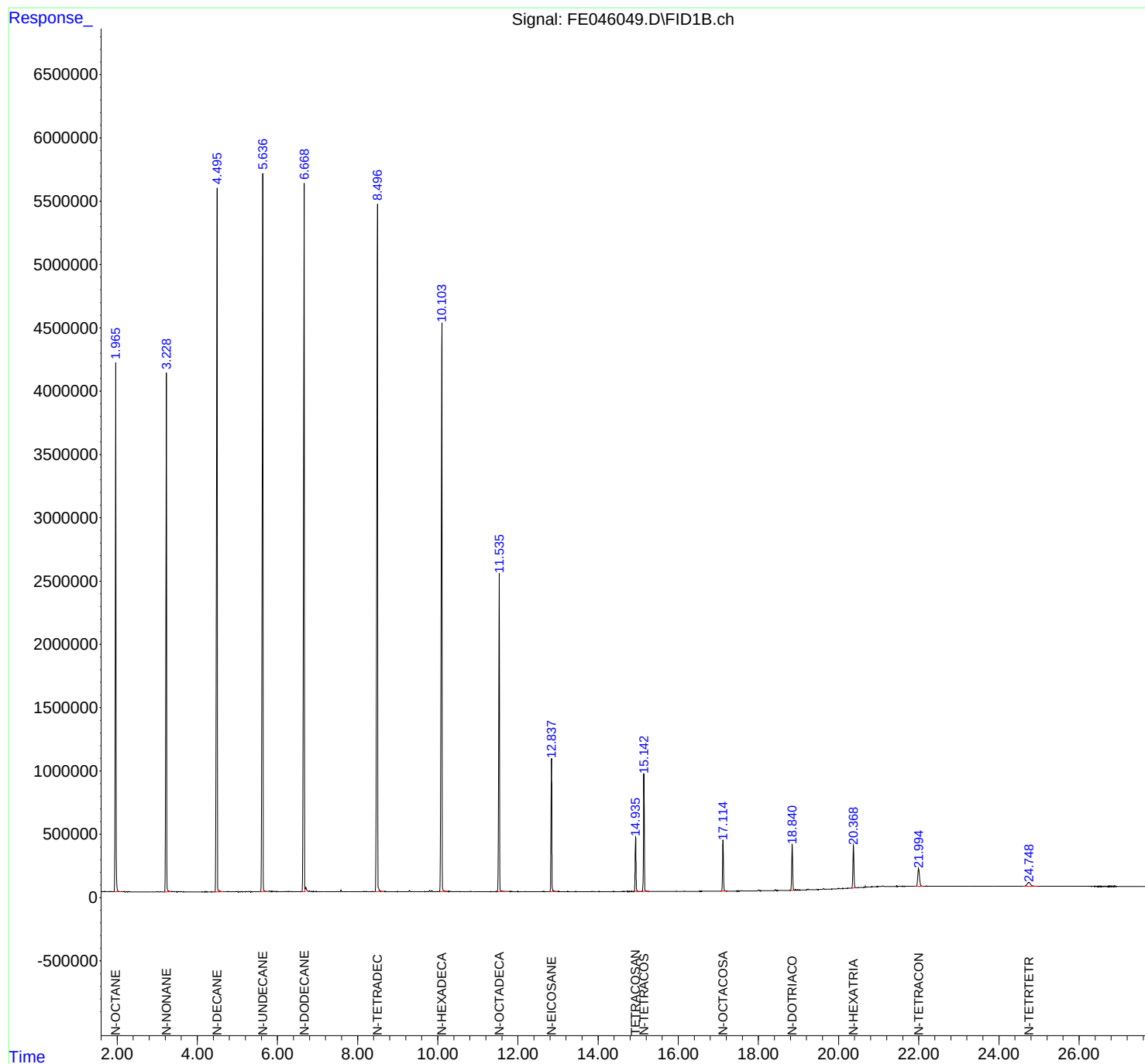
Instrument :
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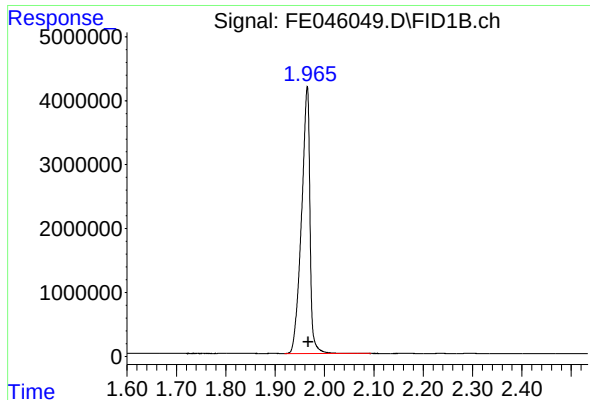
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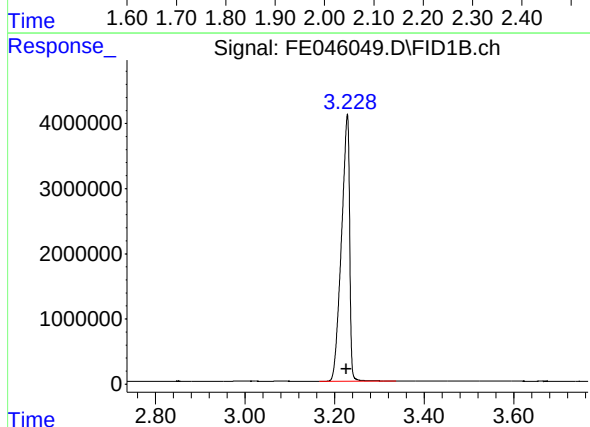
#1 N-OCTANE

R.T.: 1.965 min
Delta R.T.: -0.002 min
Response: 49710568
Conc: 372.77 ug/ml

Instrument :
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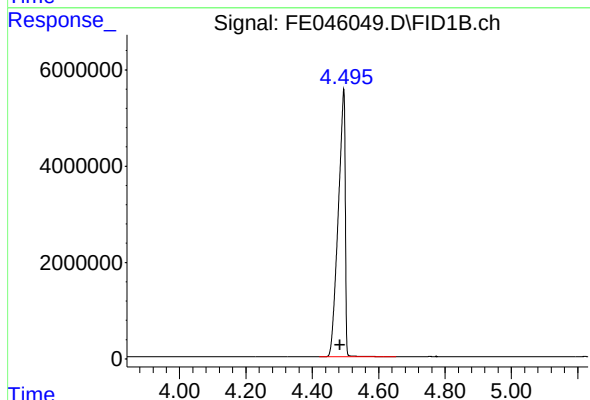
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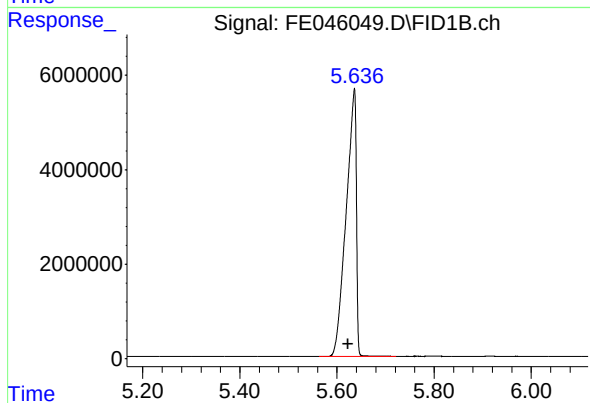
#2 N-NONANE

R.T.: 3.229 min
Delta R.T.: 0.002 min
Response: 51747041
Conc: 383.03 ug/ml



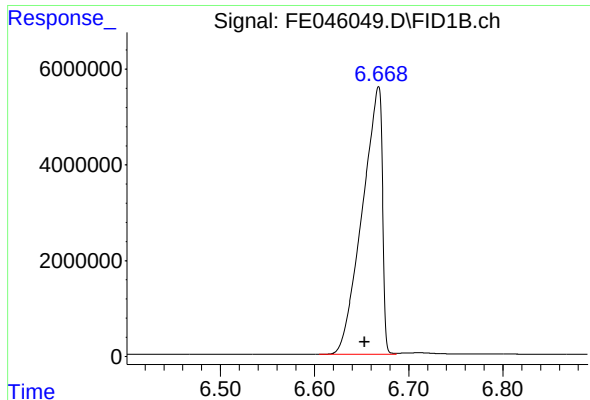
#3 N-DECANE

R.T.: 4.495 min
Delta R.T.: 0.011 min
Response: 80932741
Conc: 584.26 ug/ml



#4 N-UNDECANE

R.T.: 5.636 min
Delta R.T.: 0.013 min
Response: 82350652
Conc: 589.74 ug/ml



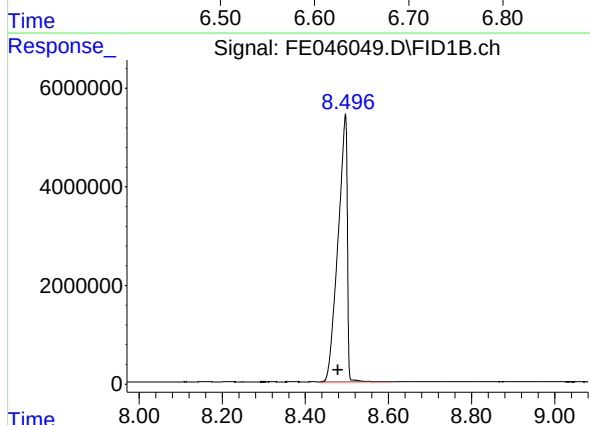
#5 N-DODECANE

R.T.: 6.668 min
Delta R.T.: 0.014 min
Response: 82629085
Conc: 593.19 ug/ml

Instrument :
FID_E
ClientSampleId :
4400 TRPH STD

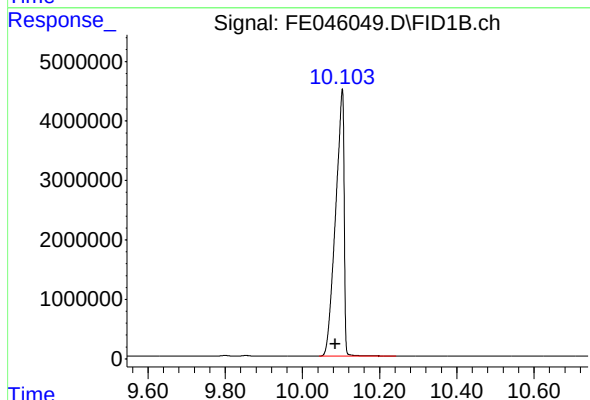
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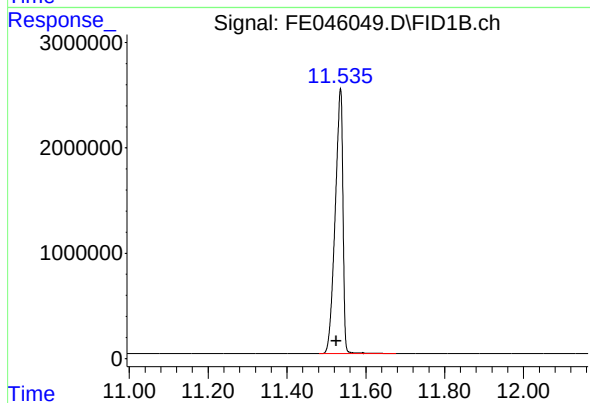
#6 N-TETRADECANE

R.T.: 8.496 min
Delta R.T.: 0.017 min
Response: 83744064
Conc: 600.71 ug/ml



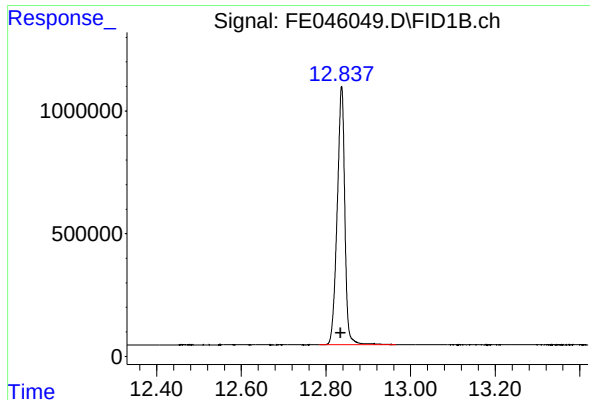
#7 N-HEXADECANE

R.T.: 10.103 min
Delta R.T.: 0.018 min
Response: 68707958
Conc: 500.06 ug/ml



#8 N-OCTADECANE

R.T.: 11.536 min
Delta R.T.: 0.010 min
Response: 34227791
Conc: 253.97 ug/ml



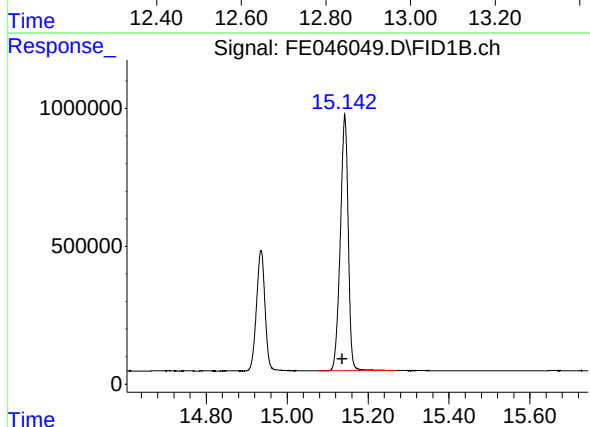
#9 N-EICOSANE

R.T.: 12.837 min
Delta R.T.: 0.003 min
Response: 13184783
Conc: 102.56 ug/ml

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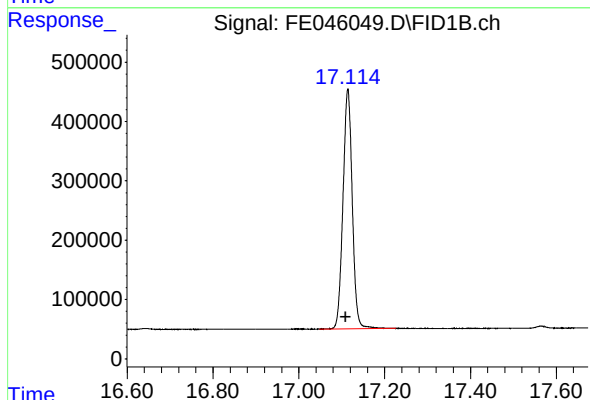
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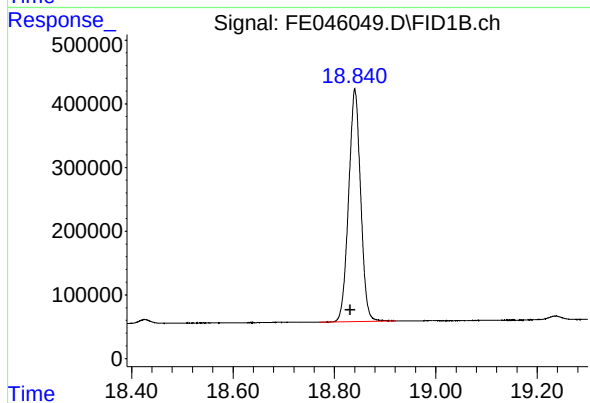
#10 N-TETRACOSANE

R.T.: 15.143 min
Delta R.T.: 0.006 min
Response: 12610285
Conc: 102.62 ug/ml



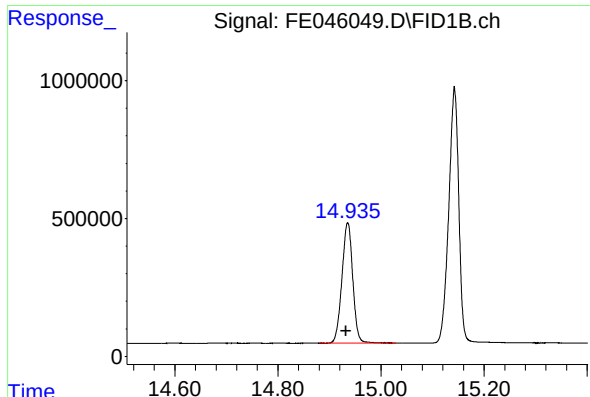
#11 N-OCTACOSANE

R.T.: 17.114 min
Delta R.T.: 0.005 min
Response: 6079779
Conc: 51.53 ug/ml



#12 N-DOTRIACONTANE

R.T.: 18.840 min
Delta R.T.: 0.009 min
Response: 6007759
Conc: 50.63 ug/ml



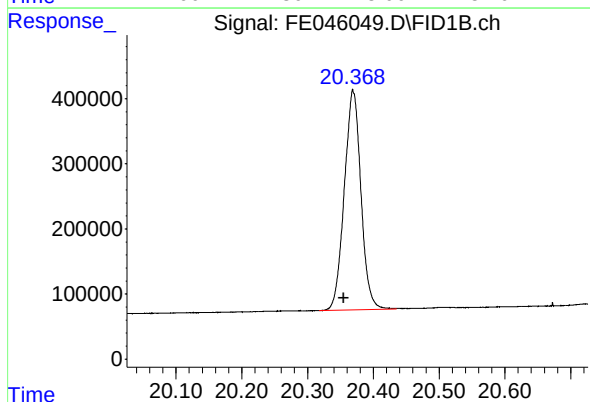
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.936 min
Delta R.T.: 0.003 min
Response: 6363106
Conc: 50.96 ug/ml

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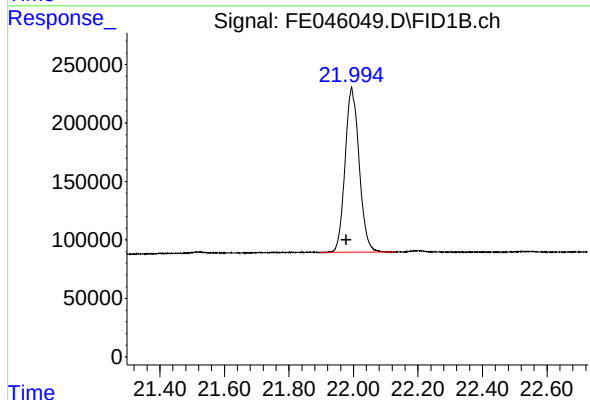
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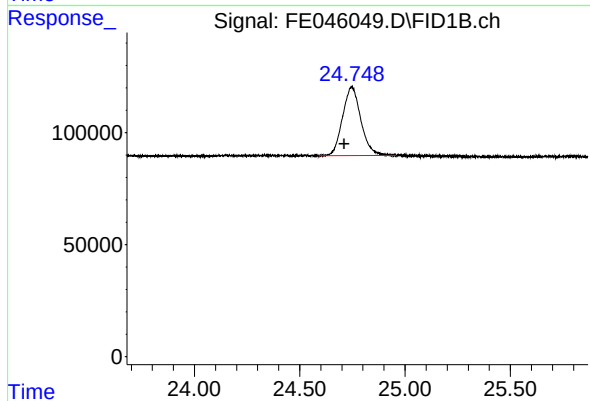
#14 N-HEXATRIACONTANE

R.T.: 20.368 min
Delta R.T.: 0.013 min
Response: 5937771
Conc: 52.12 ug/ml



#15 N-TETRACONTANE

R.T.: 21.994 min
Delta R.T.: 0.017 min
Response: 4268712
Conc: 50.88 ug/ml



#16 N-TETRATETRAOCTANE

R.T.: 24.747 min
Delta R.T.: 0.035 min
Response: 1862714
Conc: 45.09 ug/ml