

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121423\
 Data File : FE045845.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2023 14:16
 Operator : YP\AJ
 Sample : 05796-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT-SB-04-13-14MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :Ankita Jodhani 12/15/2023

Integration File: autoint1.e
 Quant Time: Dec 14 23:28:53 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...	14.937	220173	1.763 ug/mlm
Target Compounds			
1) N-OCTANE	1.961	2501581	18.759 ug/ml
2) N-NONANE	3.240	16415	0.122 ug/mlm
3) N-DECANE	4.478	3367592	24.311 ug/mlm
4) N-UNDECANE	5.622	72206	0.517 ug/mlm
5) N-DODECANE	6.648	3632260	26.076 ug/ml
6) N-TETRADECANE	8.474	3664431	26.286 ug/mlm
7) N-HEXADECANE	10.083	3641331	26.502 ug/mlm
8) N-OCTADECANE	11.535	4005447	29.720 ug/mlm
9) N-EICOSANE	12.863	2971734	23.117 ug/mlm
10) N-TETRACOSANE	15.156	72548	0.590 ug/mlm
11) N-OCTACOSANE	17.110	474794	4.024 ug/mlm
12) N-DOTRIACONTANE	18.829	191697	1.615 ug/mlm
14) N-HEXATRIACONTANE	20.370	269990	2.370 ug/mlm
15) N-TETRACONTANE	21.984	58199	0.694 ug/mlm
16) N-TETRTETRACOOCTANE	24.699	81847	1.981 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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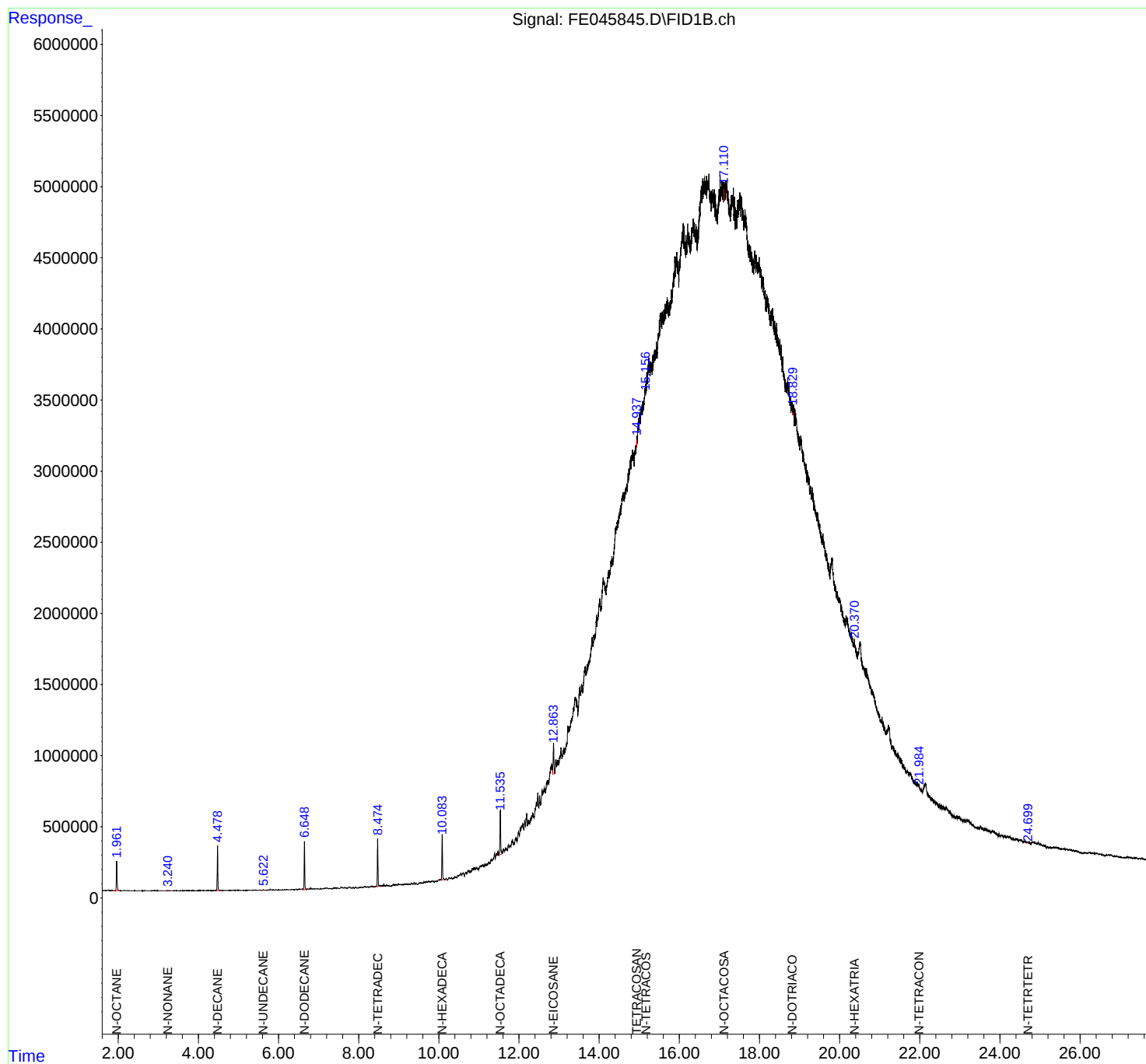
Instrument :
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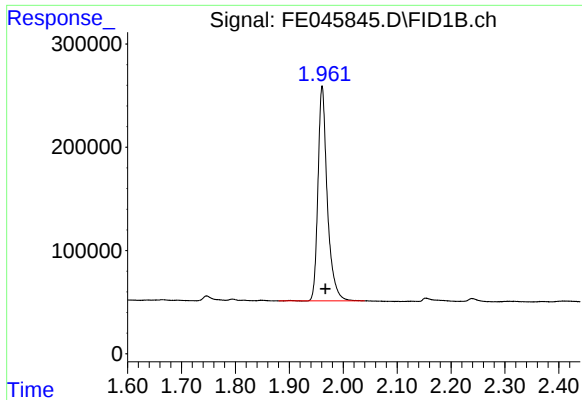
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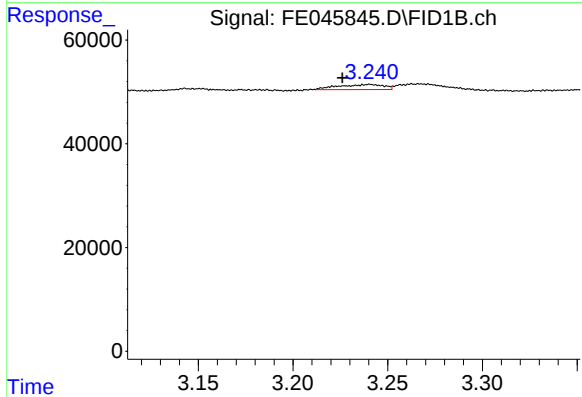
#1 N-OCTANE

R.T.: 1.961 min
Delta R.T.: -0.006 min
Response: 2501581
Conc: 18.76 ug/ml

Instrument :
FID_E
ClientSampleId :
RT-SB-04-13-14MSD

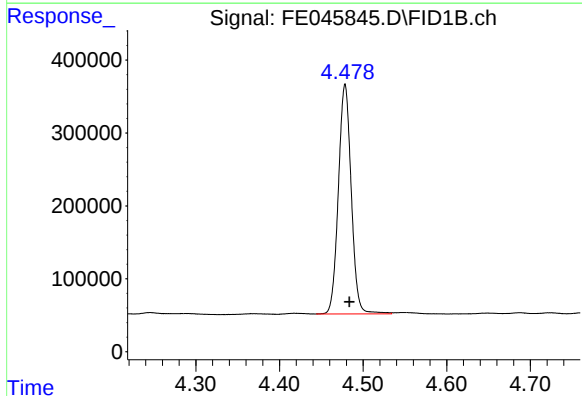
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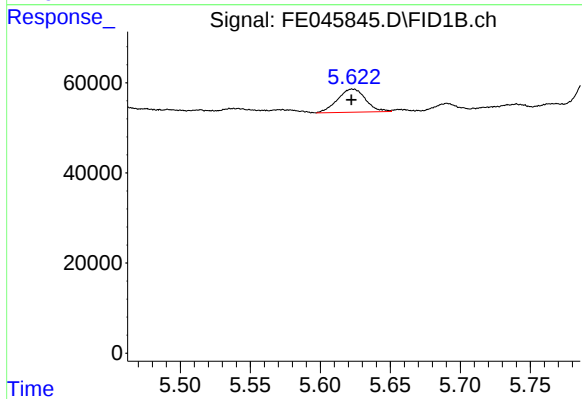
#2 N-NONANE

R.T.: 3.240 min
Delta R.T.: 0.014 min
Response: 16415
Conc: 0.12 ug/ml m



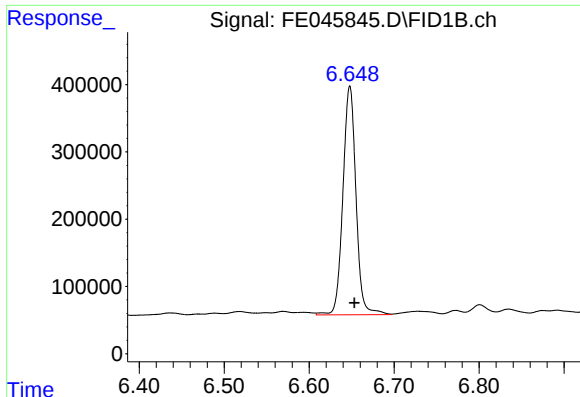
#3 N-DECANE

R.T.: 4.478 min
Delta R.T.: -0.005 min
Response: 3367592
Conc: 24.31 ug/ml m



#4 N-UNDECANE

R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 72206
Conc: 0.52 ug/ml m



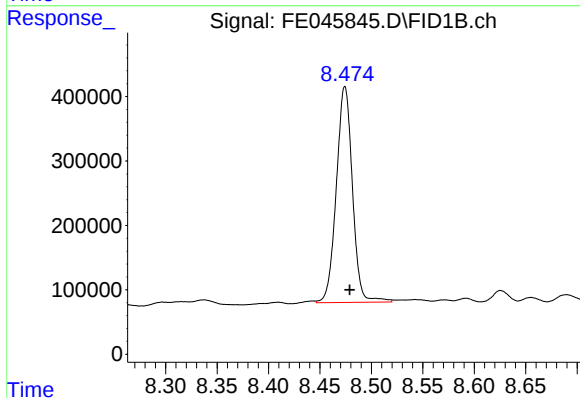
#5 N-DODECANE

R.T.: 6.648 min
Delta R.T.: -0.005 min
Response: 3632260
Conc: 26.08 ug/ml

Instrument :
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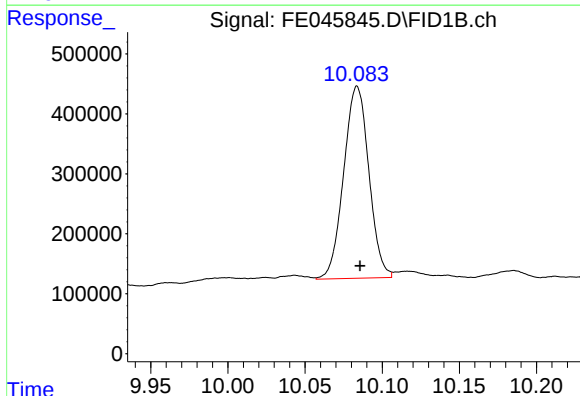
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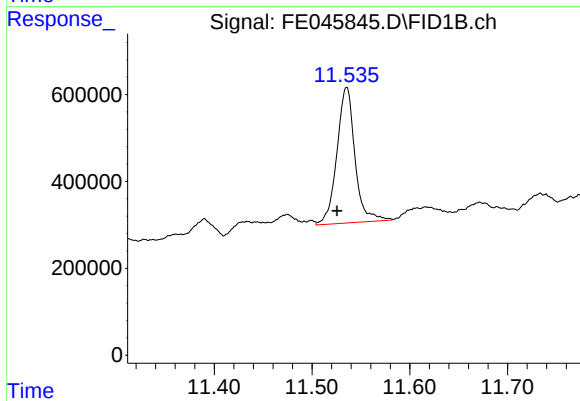
#6 N-TETRADECANE

R.T.: 8.474 min
Delta R.T.: -0.005 min
Response: 3664431
Conc: 26.29 ug/ml m



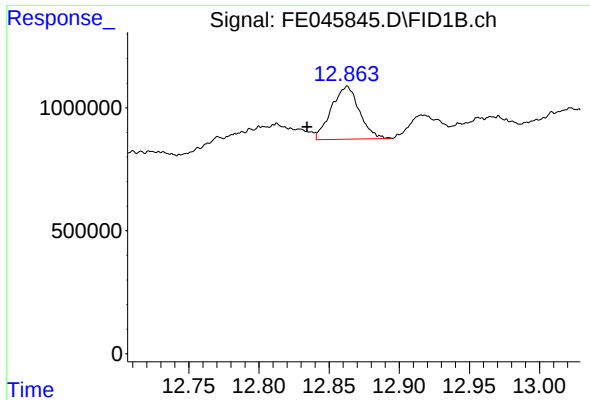
#7 N-HEXADECANE

R.T.: 10.083 min
Delta R.T.: -0.002 min
Response: 3641331
Conc: 26.50 ug/ml m



#8 N-OCTADECANE

R.T.: 11.535 min
Delta R.T.: 0.010 min
Response: 4005447
Conc: 29.72 ug/ml m



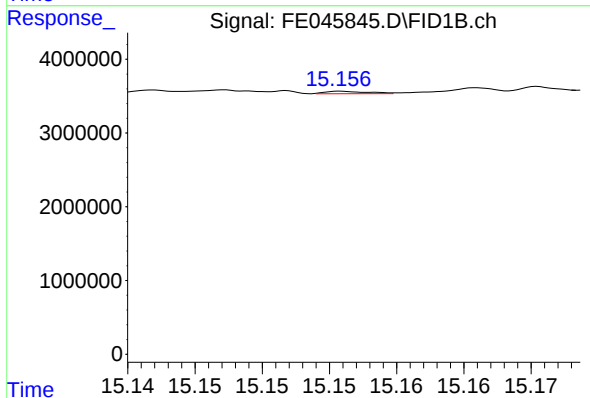
#9 N-EICOSANE

R.T.: 12.863 min
Delta R.T.: 0.028 min
Response: 2971734
Conc: 23.12 ug/ml

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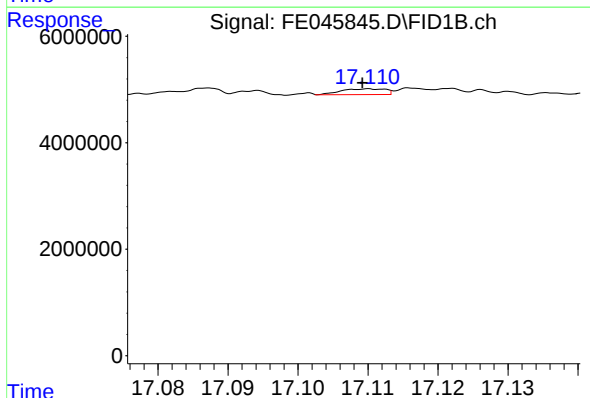
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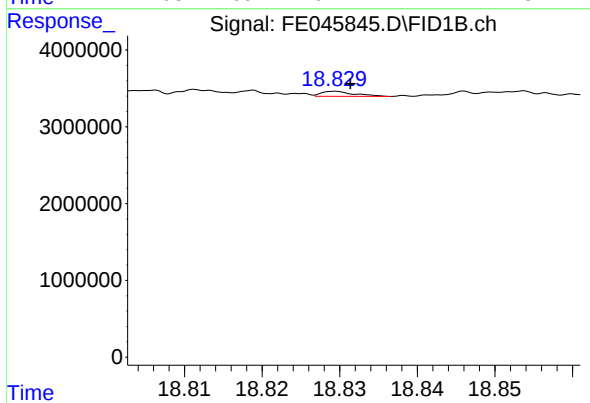
#10 N-TETRACOSANE

R.T.: 15.156 min
Delta R.T.: 0.019 min
Response: 72548
Conc: 0.59 ug/ml m



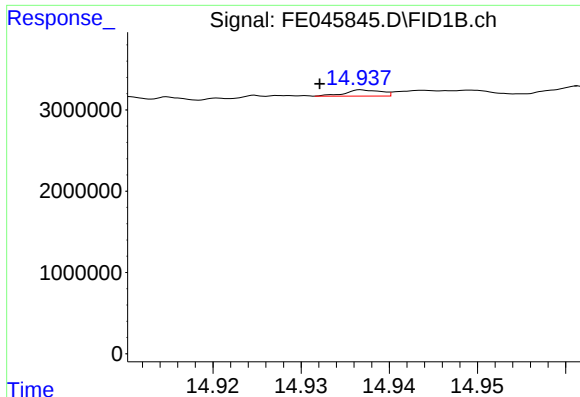
#11 N-OCTACOSANE

R.T.: 17.110 min
Delta R.T.: 0.000 min
Response: 474794
Conc: 4.02 ug/ml m



#12 N-DOTRIACONTANE

R.T.: 18.829 min
Delta R.T.: -0.002 min
Response: 191697
Conc: 1.62 ug/ml m



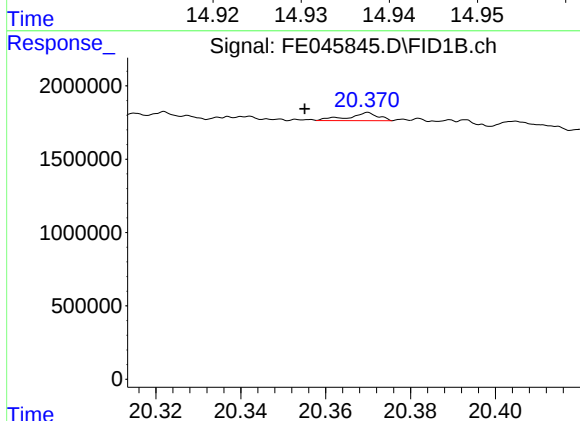
#13 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.937 min
Delta R.T.: 0.004 min
Response: 220173
Conc: 1.76 ug/ml

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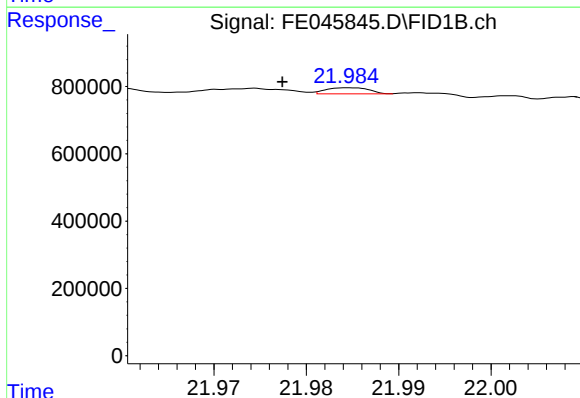
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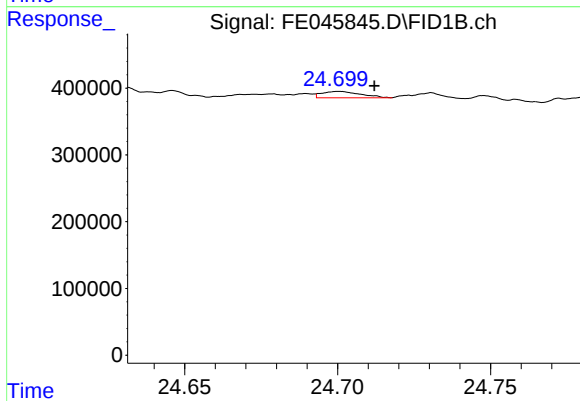
#14 N-HEXATRIACONTANE

R.T.: 20.370 min
Delta R.T.: 0.015 min
Response: 269990
Conc: 2.37 ug/ml m



#15 N-TETRACONTANE

R.T.: 21.984 min
Delta R.T.: 0.007 min
Response: 58199
Conc: 0.69 ug/ml m



#16 N-TETRTETRACOOCTANE

R.T.: 24.699 min
Delta R.T.: -0.013 min
Response: 81847
Conc: 1.98 ug/ml m