

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073022\
 Data File : FE036767.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2022 09:21
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2022
 Supervised By :Ankita Jodhani 08/01/2022

Integration File: autoint1.e
 Quant Time: Jul 29 12:03:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072822.M
 Quant Title :
 QLast Update : Thu Jul 28 04:33:35 2022
 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...	14.934	6181397	50.630 ug/ml
Target Compounds			
1) N-OCTANE	1.952	6829513	50.447 ug/ml
2) N-DECANE	4.484	6979703	52.611 ug/ml
3) N-DODECANE	6.654	7114567	52.364 ug/ml
4) N-TETRADECANE	8.481	7122562	51.764 ug/ml
5) N-HEXADECANE	10.087	7215602	52.026 ug/ml
6) N-OCTADECANE	11.528	7272446	51.608 ug/ml
7) N-EICOSANE	12.838	7277574	51.321 ug/ml
8) N-DOCOSANE	14.036	7096183	50.990 ug/ml
10) N-TETRACOSANE	15.138	7069658	50.484 ug/ml
11) N-HEXACOSANE	16.161	7005010	51.612 ug/ml
12) N-OCTACOSANE	17.111	7001902	52.875 ug/ml
13) N-TRIACONTANE	17.999	7107999	54.774 ug/ml
14) N-DOTRIACONTANE	18.832	6633040	52.271 ug/mlm
15) N-TETRATRIACONTANE	19.614	6425162	52.133 ug/mlm
16) N-HEXATRIACONTANE	20.354	5953219	52.334 ug/mlm
17) N-OCTATRIACONTANE	21.078	5916440	52.287 ug/mlm
18) N-TETRACONTANE	21.964	5888988	47.250 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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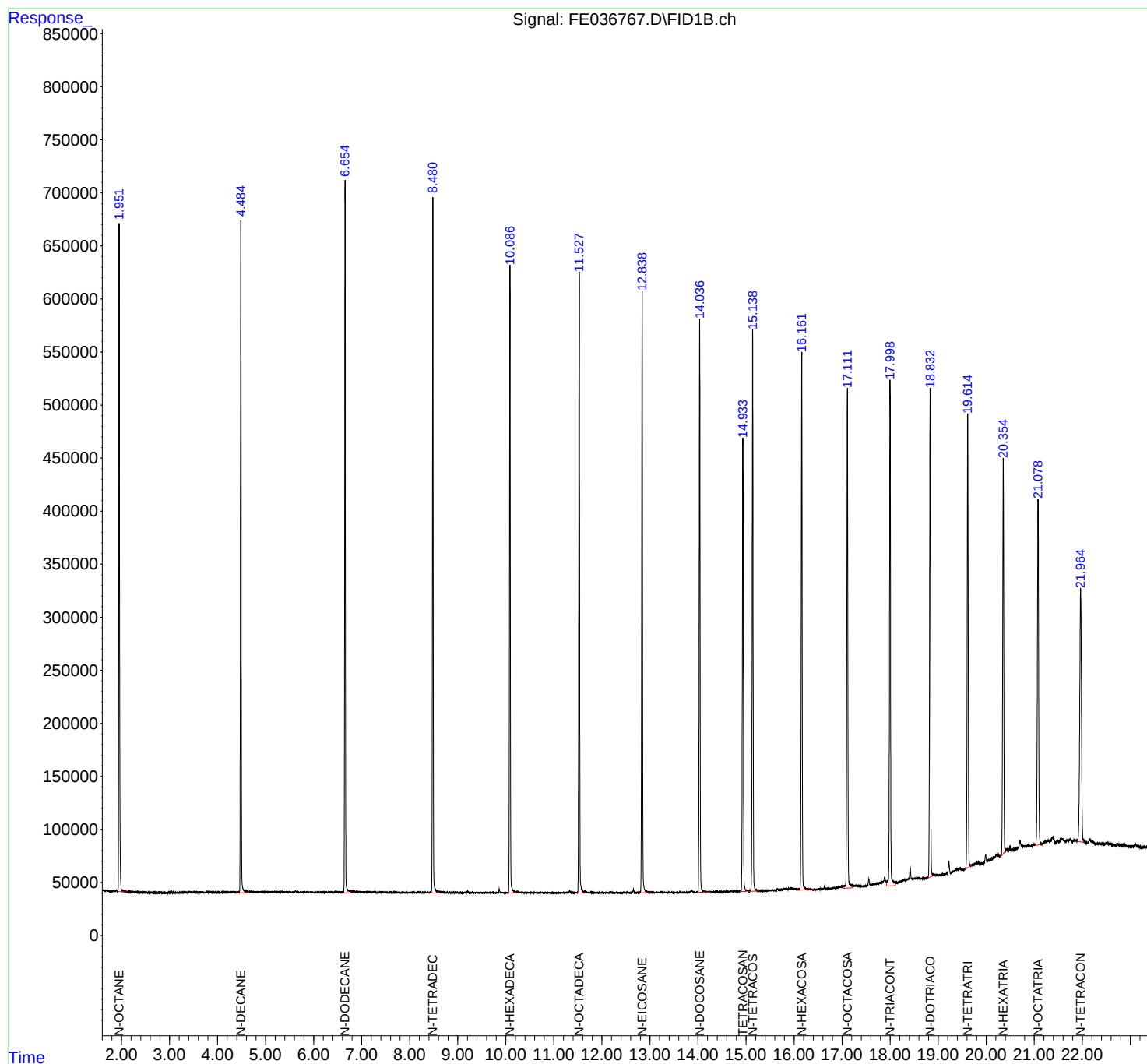
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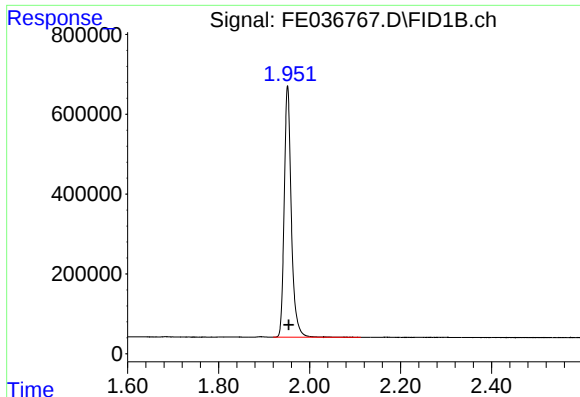
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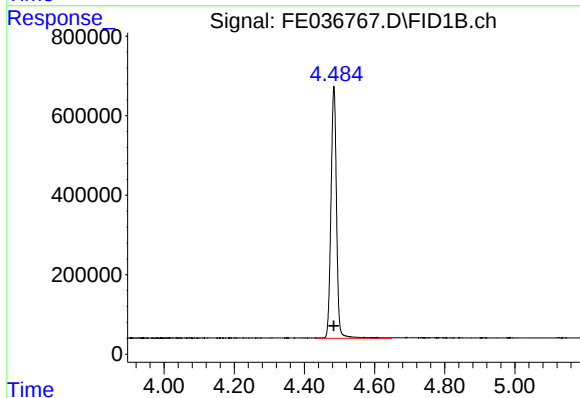
#1 N-OCTANE

R.T.: 1.952 min
Delta R.T.: -0.002 min
Response: 6829513
Conc: 50.45 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

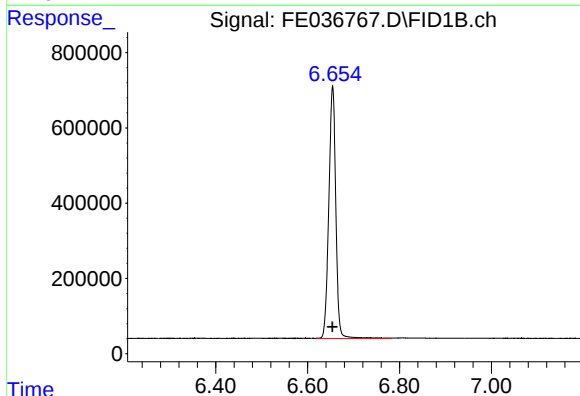
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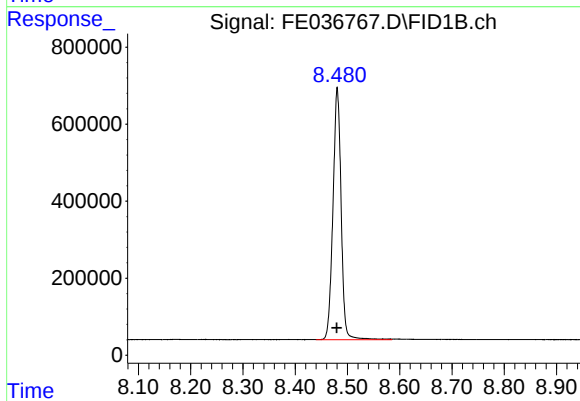
#2 N-DECANE

R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 6979703
Conc: 52.61 ug/ml



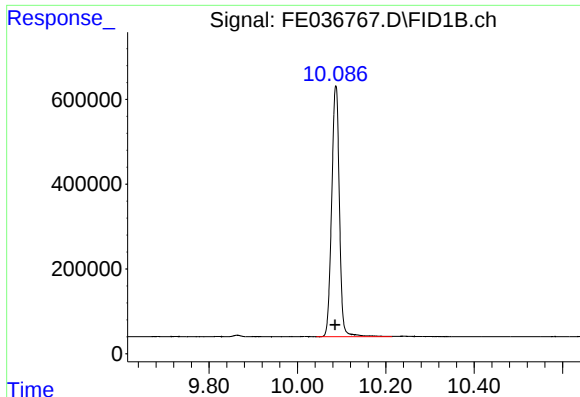
#3 N-DODECANE

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 7114567
Conc: 52.36 ug/ml



#4 N-TETRADECANE

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 7122562
Conc: 51.76 ug/ml



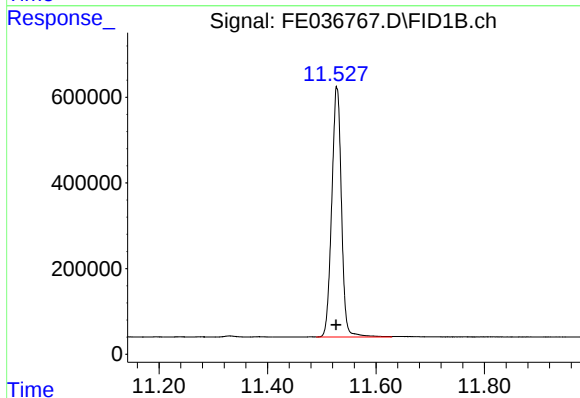
#5 N-HEXADECANE

R.T.: 10.087 min
Delta R.T.: 0.001 min
Response: 7215602
Conc: 52.03 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

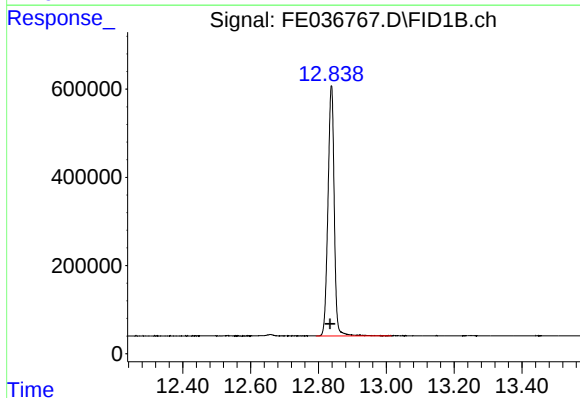
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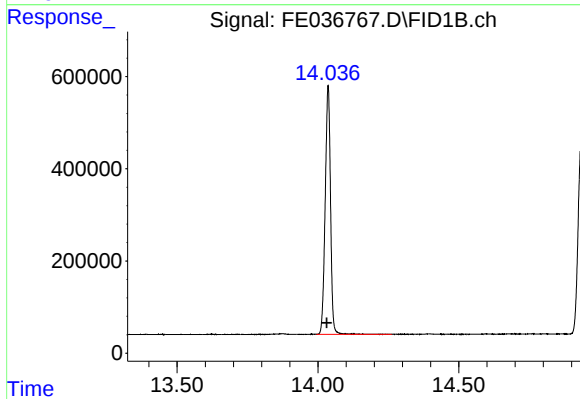
#6 N-OCTADECANE

R.T.: 11.528 min
Delta R.T.: 0.001 min
Response: 7272446
Conc: 51.61 ug/ml



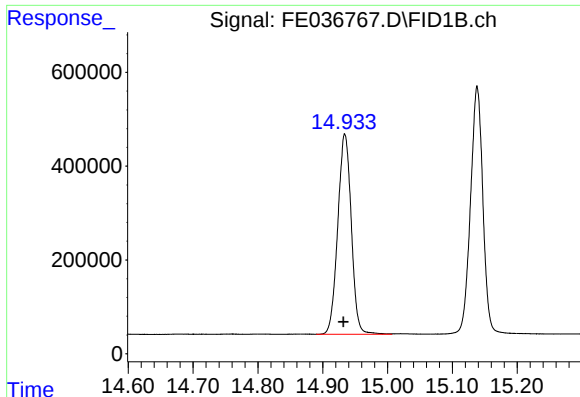
#7 N-EICOSANE

R.T.: 12.838 min
Delta R.T.: 0.003 min
Response: 7277574
Conc: 51.32 ug/ml



#8 N-DOCOSANE

R.T.: 14.036 min
Delta R.T.: 0.004 min
Response: 7096183
Conc: 50.99 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.934 min
Delta R.T.: 0.003 min
Response: 6181397
Conc: 50.63 ug/ml

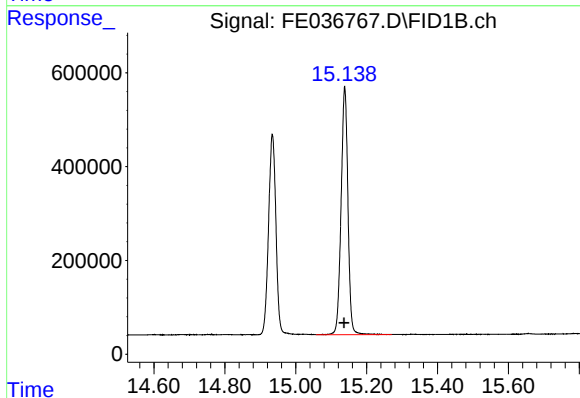
Instrument :

FID_E

ClientSampleId :
50 PPM TRPH STD

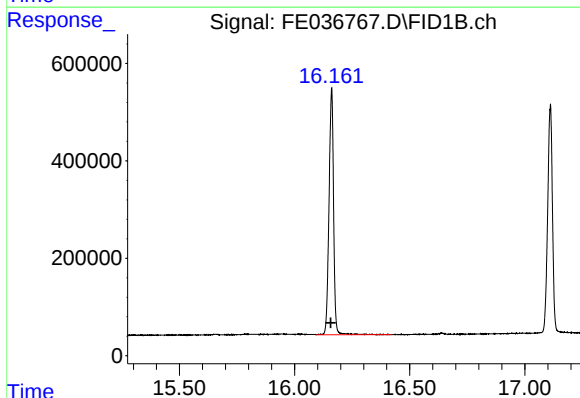
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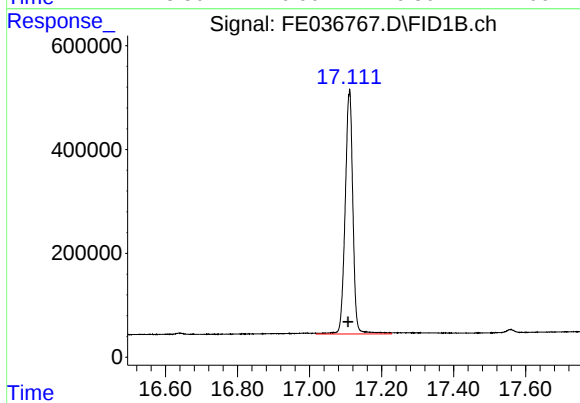
#10 N-TETRACOSANE

R.T.: 15.138 min
Delta R.T.: 0.002 min
Response: 7069658
Conc: 50.48 ug/ml



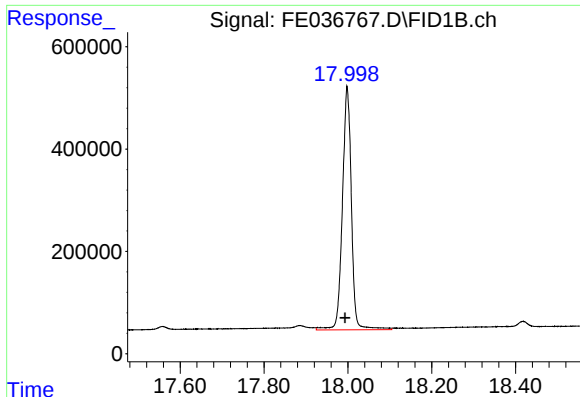
#11 N-HEXACOSANE

R.T.: 16.161 min
Delta R.T.: 0.003 min
Response: 7005010
Conc: 51.61 ug/ml



#12 N-OCTACOSANE

R.T.: 17.111 min
Delta R.T.: 0.003 min
Response: 7001902
Conc: 52.87 ug/ml



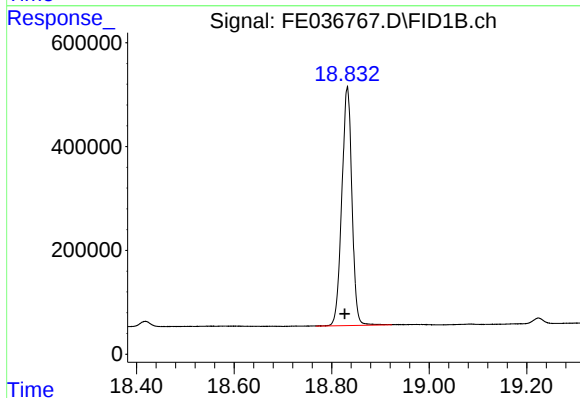
#13 N-TRIACONTANE

R.T.: 17.999 min
Delta R.T.: 0.006 min
Response: 7107999
Conc: 54.77 ug/ml

Instrument :
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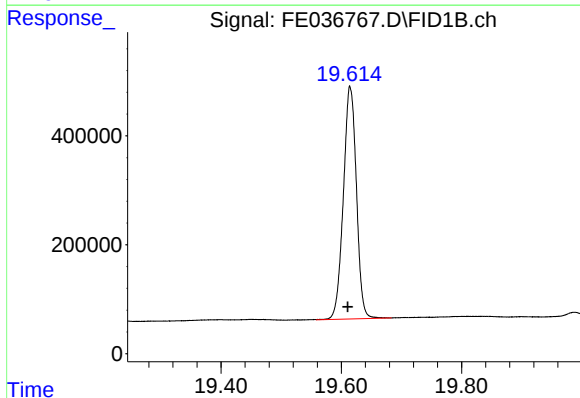
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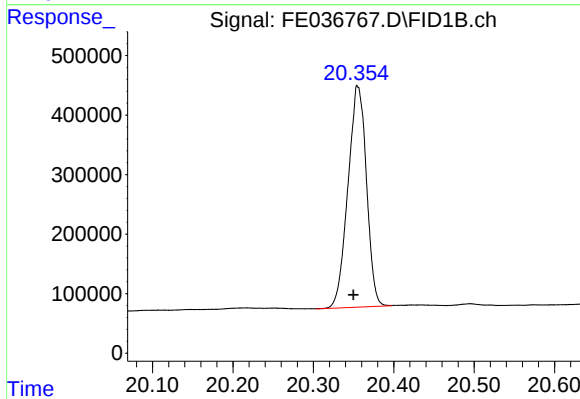
#14 N-DOTRIACONTANE

R.T.: 18.832 min
Delta R.T.: 0.005 min
Response: 6633040
Conc: 52.27 ug/ml m



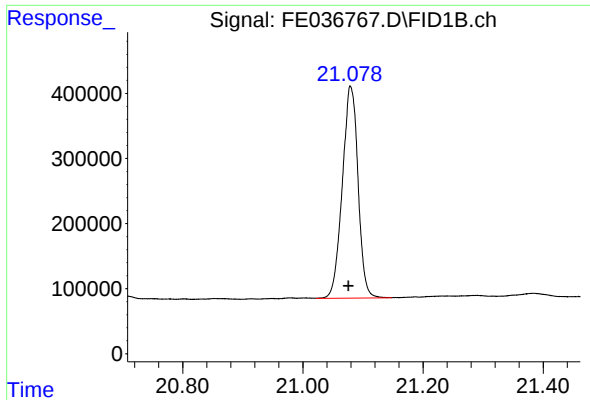
#15 N-TETRATRIACONTANE

R.T.: 19.614 min
Delta R.T.: 0.003 min
Response: 6425162
Conc: 52.13 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.354 min
Delta R.T.: 0.004 min
Response: 5953219
Conc: 52.33 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.078 min
Delta R.T.: 0.003 min
Response: 5916440
Conc: 52.29 ug/ml

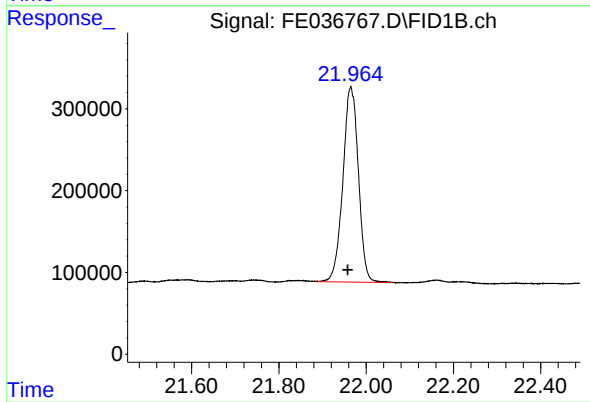
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#18 N-TETRACONTANE

R.T.: 21.964 min
Delta R.T.: 0.007 min
Response: 5888988
Conc: 47.25 ug/ml m