

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032122\
 Data File : FE035482.D
 Signal(s) : FID1B.CH
 Acq On : 21 Mar 2022 19:32
 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 03/22/2022
 Supervised By :mohammad ahmed 03/23/2022

Integration File: Sample.e
 Quant Time: Mar 22 02:02:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
 Quant Title :
 QLast Update : Wed Mar 09 13:31:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	14.459	5173538	57.778 ug/ml
Target Compounds			
1) N-OCTANE	2.169	4866075	42.256 ug/ml
2) N-DECANE	4.234	5343556	47.316 ug/ml
3) N-DODECANE	6.247	5815285	52.544 ug/ml
4) N-TETRADECANE	8.035	6227020	54.406 ug/ml
5) N-HEXADECANE	9.629	6452013	57.014 ug/ml
6) N-OCTADECANE	11.064	6710453	59.153 ug/ml
7) N-EICOSANE	12.370	6473359	59.960 ug/ml
8) N-DOCOSANE	13.563	6176490	59.080 ug/ml
10) N-TETRACOSANE	14.662	5761217	56.943 ug/ml
11) N-HEXACOSANE	15.677	5180190	53.130 ug/ml
12) N-OCTACOSANE	16.623	4700490	50.092 ug/ml
13) N-TRIACONTANE	17.506	4463589	49.278 ug/ml
14) N-DOTRIACONTANE	18.336	4403415	50.100 ug/ml
15) N-TETRATRIACONTANE	19.118	4394315	51.280 ug/ml
16) N-HEXATRIACONTANE	19.854	4166533	52.724 ug/mlm
17) N-OCTATRIACONTANE	20.558	3817904	53.709 ug/mlm
18) N-TETRACONTANE	21.379	3655819	53.163 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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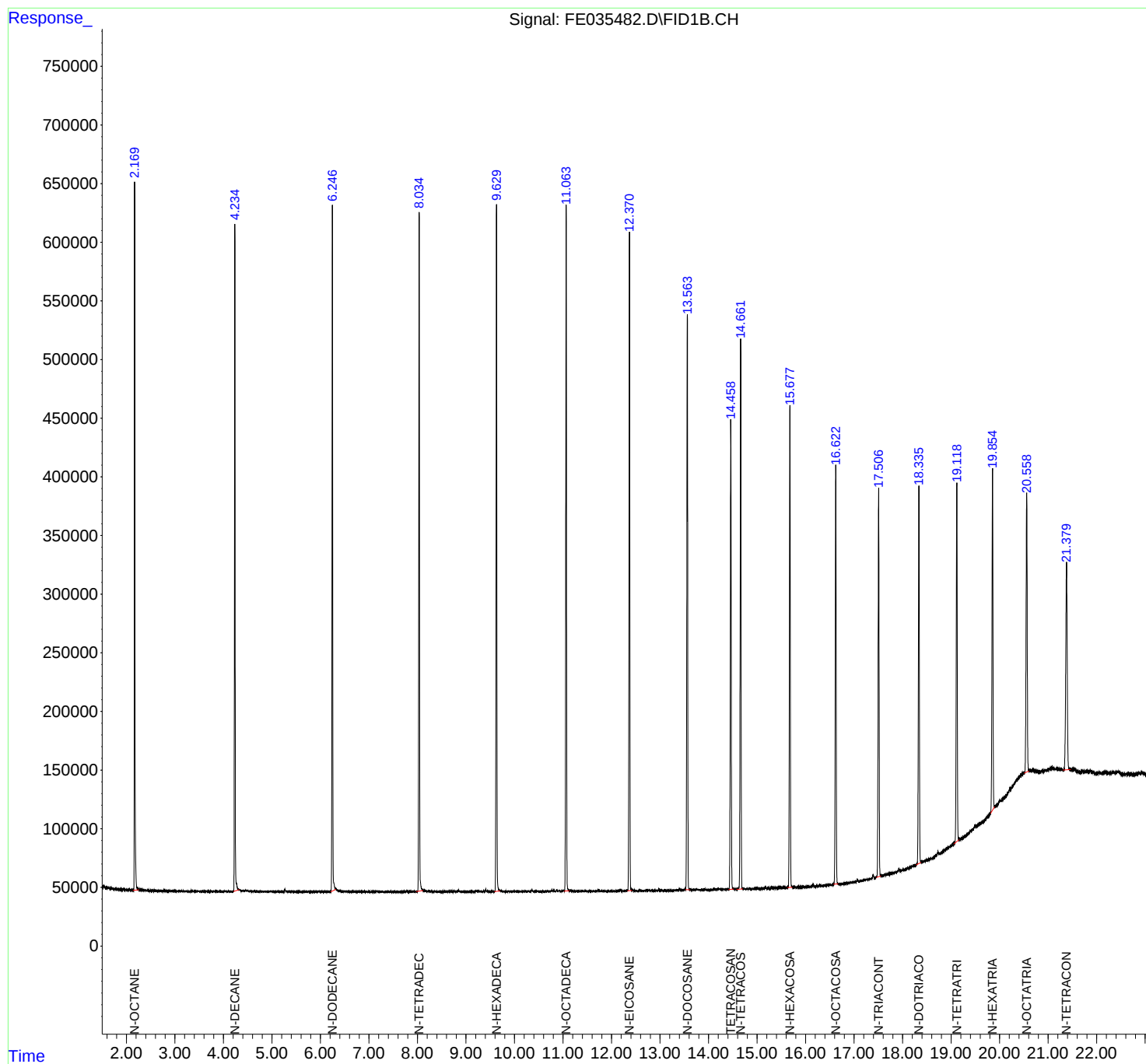
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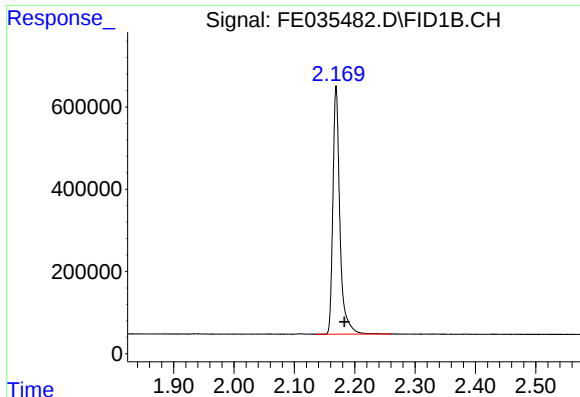
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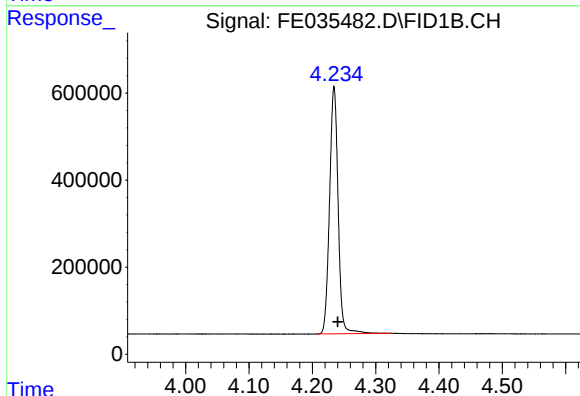
#1 N-OCTANE

R.T.: 2.169 min
Delta R.T.: -0.014 min
Response: 4866075
Conc: 42.26 ug/ml

Instrument :
FID_E
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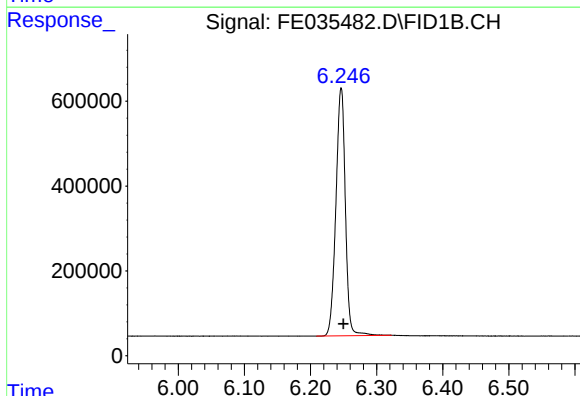
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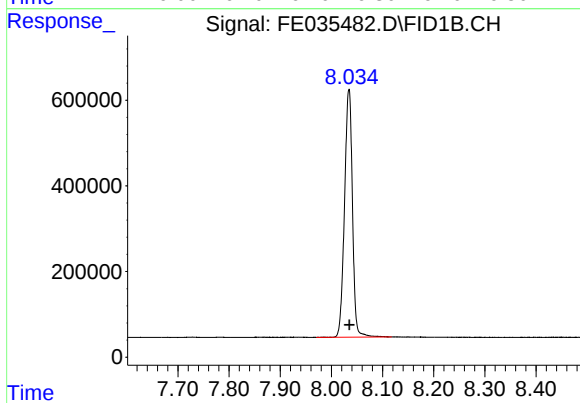
#2 N-DECANE

R.T.: 4.234 min
Delta R.T.: -0.006 min
Response: 5343556
Conc: 47.32 ug/ml



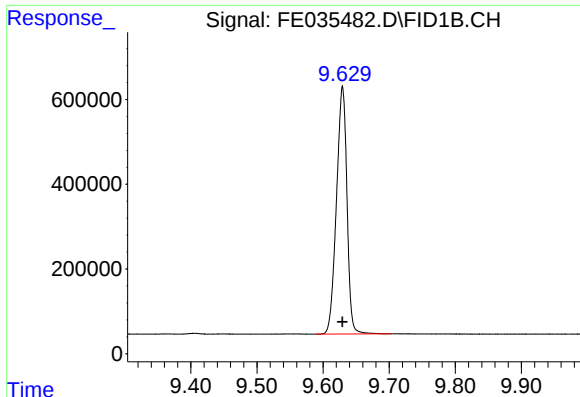
#3 N-DODECANE

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 5815285
Conc: 52.54 ug/ml



#4 N-TETRADECANE

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 6227020
Conc: 54.41 ug/ml



#5 N-HEXADECANE

R.T.: 9.629 min
Delta R.T.: 0.000 min
Response: 6452013
Conc: 57.01 ug/ml

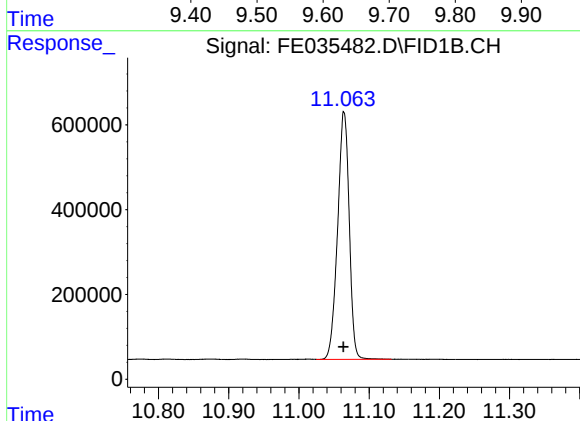
Instrument :

FID_E

ClientSampleId :
50 PPM TRPH STD

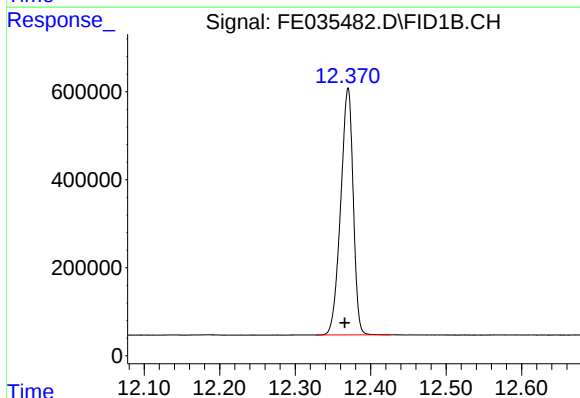
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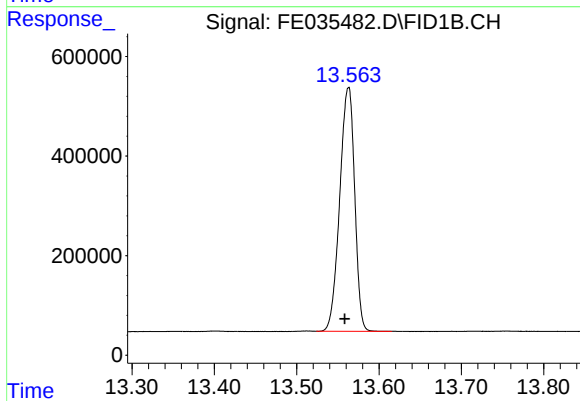
#6 N-OCTADECANE

R.T.: 11.064 min
Delta R.T.: 0.000 min
Response: 6710453
Conc: 59.15 ug/ml



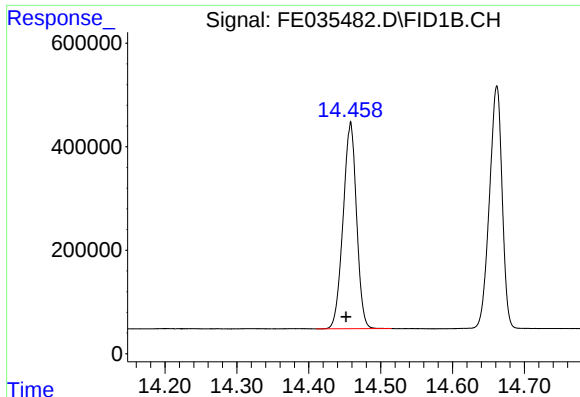
#7 N-EICOSANE

R.T.: 12.370 min
Delta R.T.: 0.005 min
Response: 6473359
Conc: 59.96 ug/ml



#8 N-DOCOSANE

R.T.: 13.563 min
Delta R.T.: 0.005 min
Response: 6176490
Conc: 59.08 ug/ml



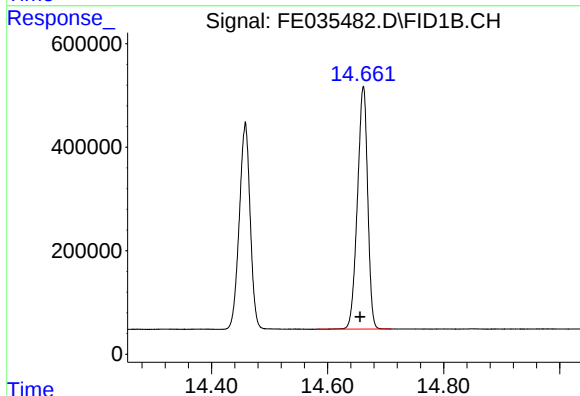
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.459 min
Delta R.T.: 0.006 min
Response: 5173538
Conc: 57.78 ug/ml

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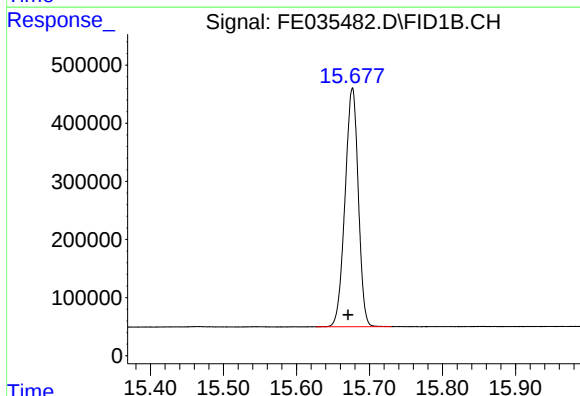
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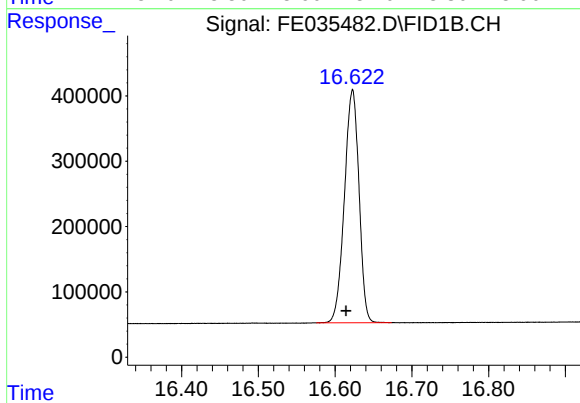
#10 N-TETRACOSANE

R.T.: 14.662 min
Delta R.T.: 0.006 min
Response: 5761217
Conc: 56.94 ug/ml



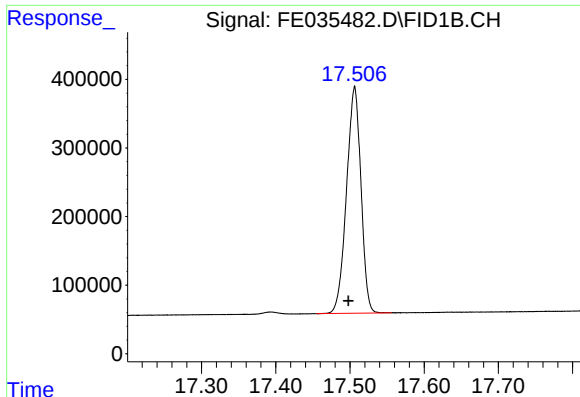
#11 N-HEXACOSANE

R.T.: 15.677 min
Delta R.T.: 0.006 min
Response: 5180190
Conc: 53.13 ug/ml



#12 N-OCTACOSANE

R.T.: 16.623 min
Delta R.T.: 0.008 min
Response: 4700490
Conc: 50.09 ug/ml



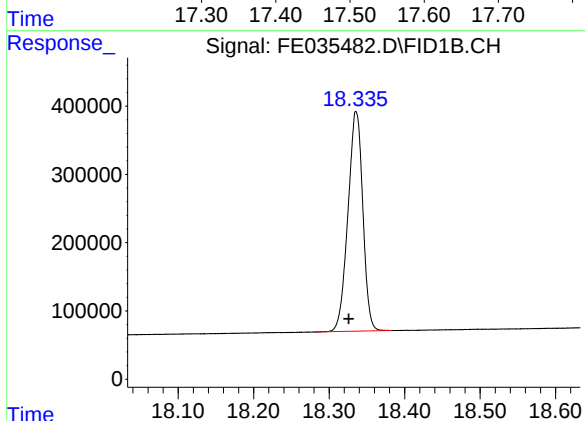
#13 N-TRIACONTANE

R.T.: 17.506 min
Delta R.T.: 0.009 min
Response: 4463589
Conc: 49.28 ug/ml

Instrument :
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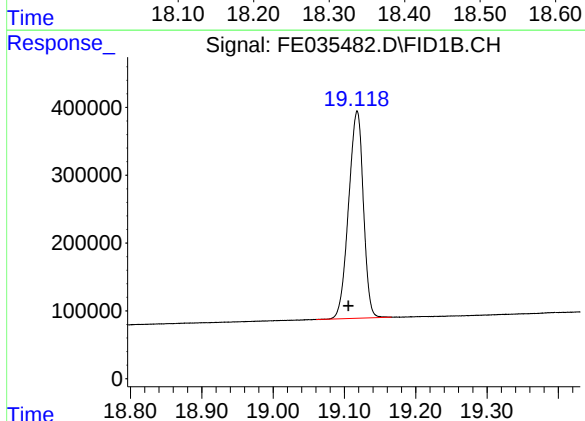
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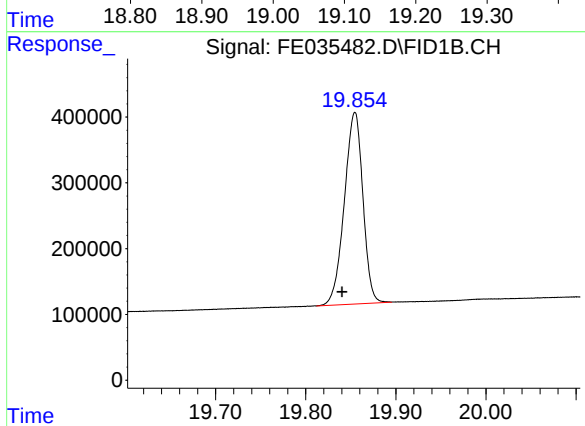
#14 N-DOTRIACONTANE

R.T.: 18.336 min
Delta R.T.: 0.010 min
Response: 4403415
Conc: 50.10 ug/ml



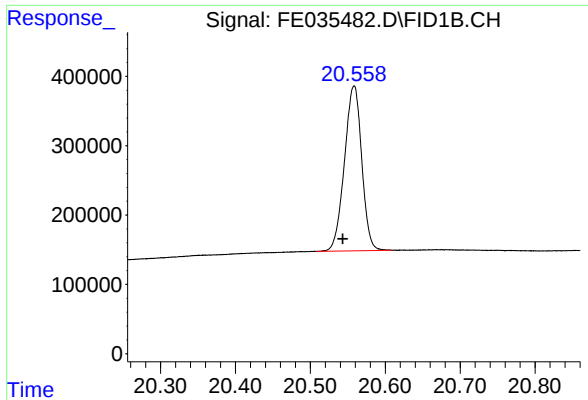
#15 N-TETRATRIACONTANE

R.T.: 19.118 min
Delta R.T.: 0.013 min
Response: 4394315
Conc: 51.28 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.854 min
Delta R.T.: 0.014 min
Response: 4166533
Conc: 52.72 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.558 min
Delta R.T.: 0.015 min
Response: 3817904
Conc: 53.71 ug/ml

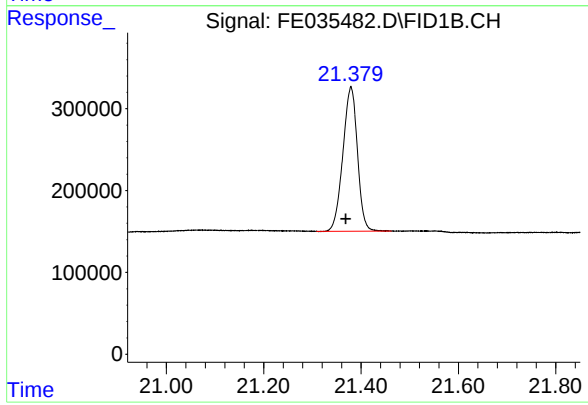
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.379 min
Delta R.T.: 0.010 min
Response: 3655819
Conc: 53.16 ug/ml