

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031522\
 Data File : FE035331.D
 Signal(s) : FID1B.CH
 Acq On : 15 Mar 2022 6:10
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/16/2022

Integration File: autoint1.e
 Quant Time: Mar 15 08:02:43 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...	14.453	4294856	47.965 ug/mlm
Target Compounds			
1) N-OCTANE	2.182	5674382	49.275 ug/ml
2) N-DECANE	4.238	5545980	49.109 ug/mlm
3) N-DODECANE	6.248	5443436	49.185 ug/ml
4) N-TETRADECANE	8.035	5524992	48.272 ug/ml
5) N-HEXADECANE	9.628	5419637	47.891 ug/ml
6) N-OCTADECANE	11.063	5422673	47.801 ug/ml
7) N-EICOSANE	12.365	5149911	47.701 ug/ml
8) N-DOCOSANE	13.558	4980418	47.639 ug/ml
10) N-TETRACOSANE	14.656	4839586	47.834 ug/ml
11) N-HEXACOSANE	15.672	4715036	48.359 ug/ml
12) N-OCTACOSANE	16.617	4657967	49.639 ug/ml
13) N-TRIACONTANE	17.500	4624596	51.056 ug/ml
14) N-DOTRIACONTANE	18.328	4621759	52.584 ug/ml
15) N-TETRATRIACONTANE	19.108	4610737	53.805 ug/ml
16) N-HEXATRIACONTANE	19.845	4374145	55.351 ug/ml
17) N-OCTATRIACONTANE	20.548	4035334	56.768 ug/ml
18) N-TETRACONTANE	21.364	3977931	57.847 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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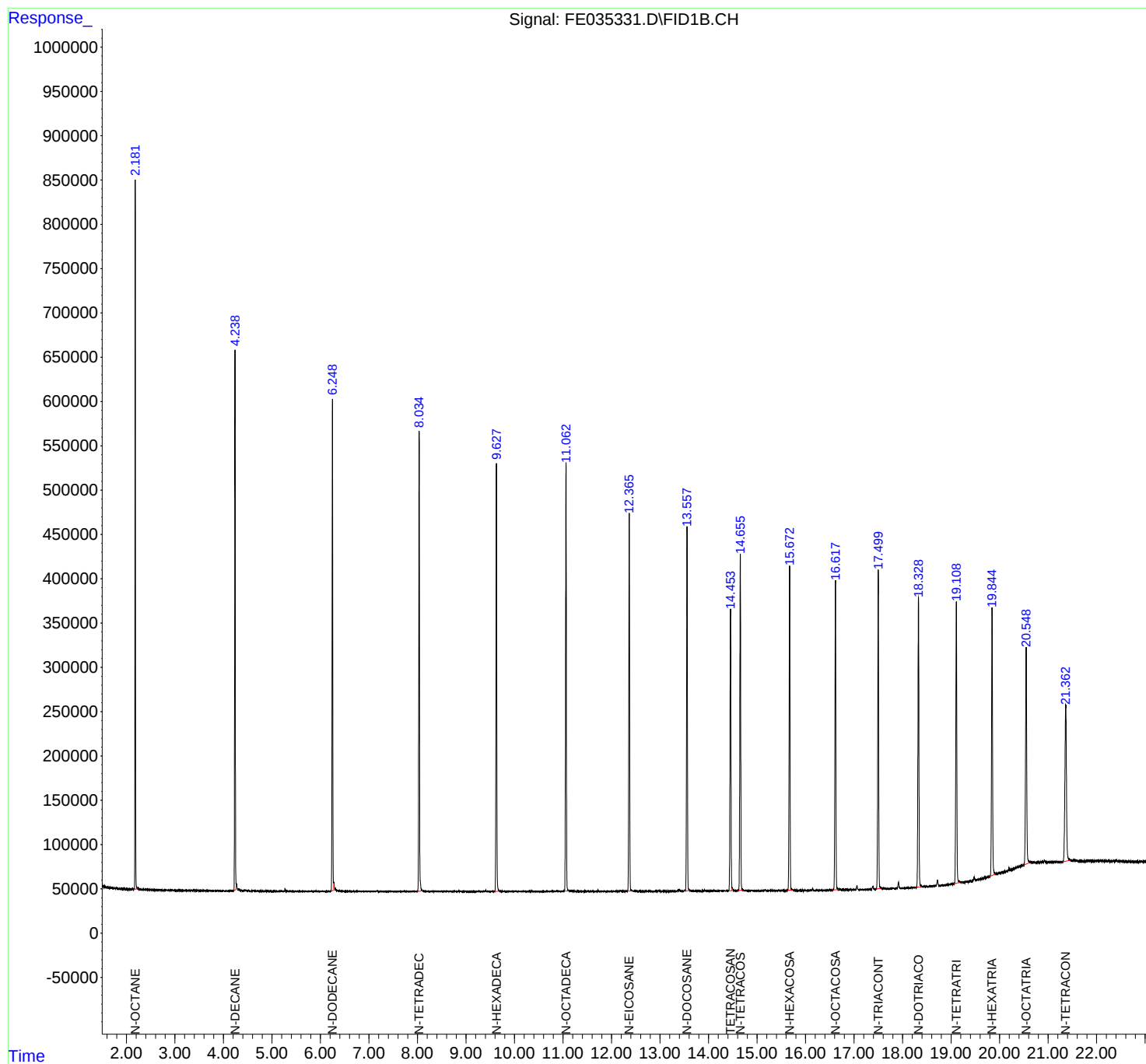
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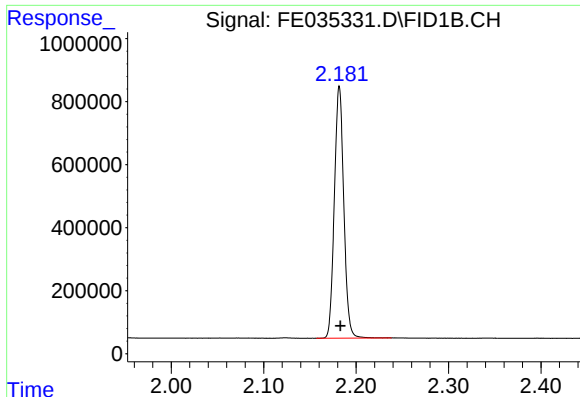
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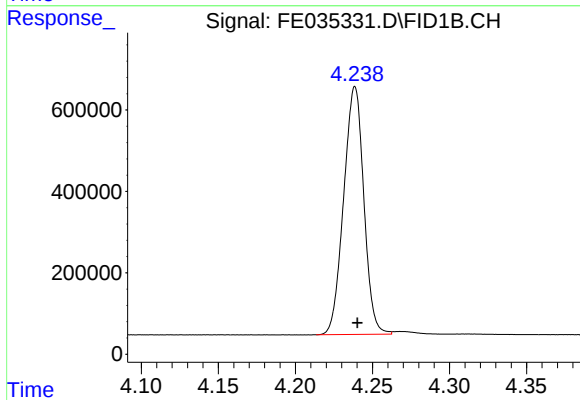
#1 N-OCTANE

R.T.: 2.182 min
Delta R.T.: -0.001 min
Response: 5674382
Conc: 49.28 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

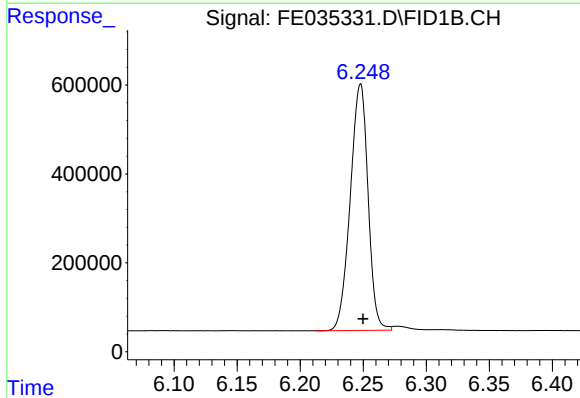
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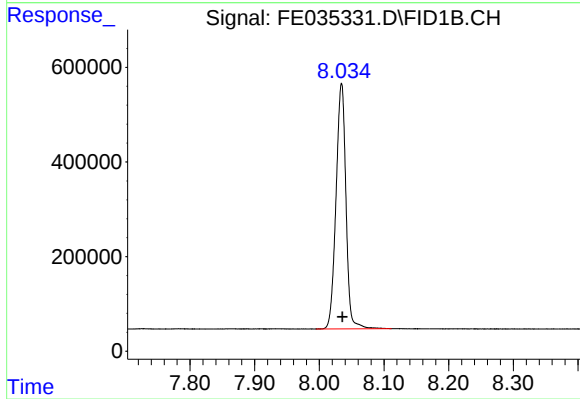
#2 N-DECANE

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 5545980
Conc: 49.11 ug/ml m



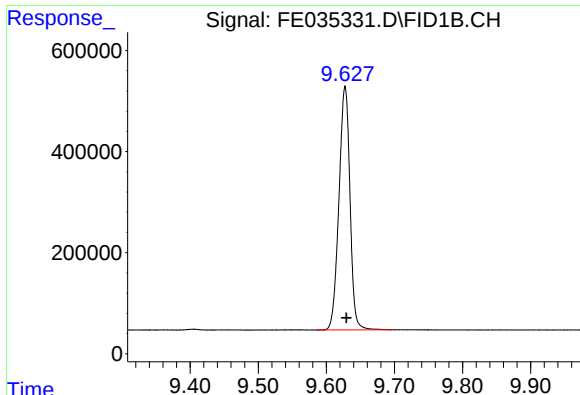
#3 N-DODECANE

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 5443436
Conc: 49.18 ug/ml



#4 N-TETRADECANE

R.T.: 8.035 min
Delta R.T.: -0.001 min
Response: 5524992
Conc: 48.27 ug/ml



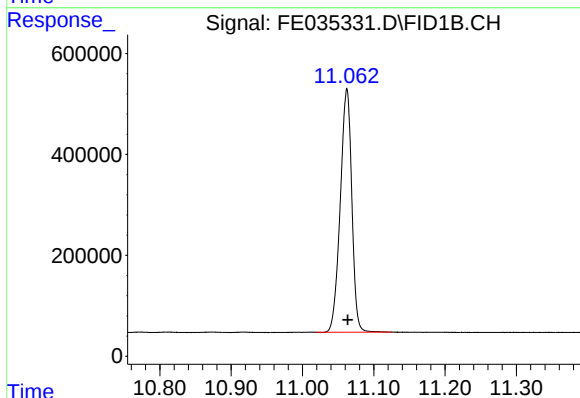
#5 N-HEXADECANE

R.T.: 9.628 min
Delta R.T.: -0.002 min
Response: 5419637
Conc: 47.89 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM TRPH STD

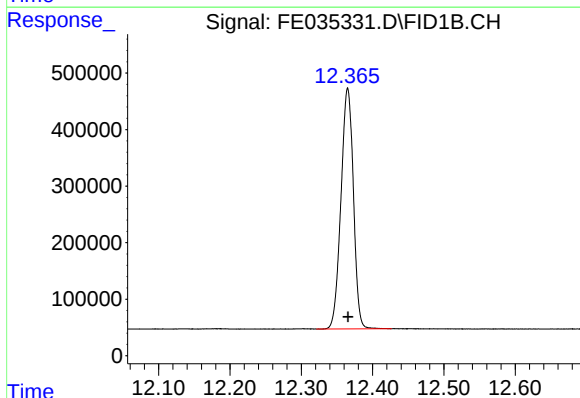
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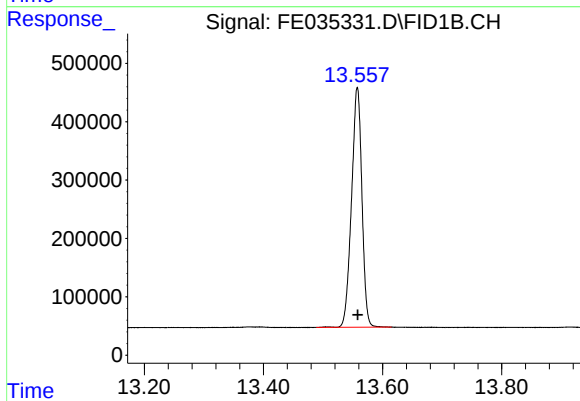
#6 N-OCTADECANE

R.T.: 11.063 min
Delta R.T.: -0.001 min
Response: 5422673
Conc: 47.80 ug/ml



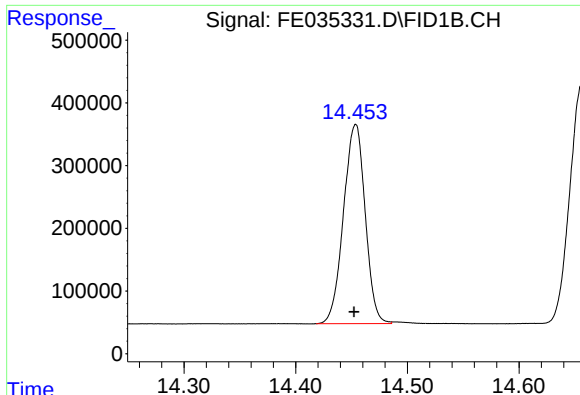
#7 N-EICOSANE

R.T.: 12.365 min
Delta R.T.: 0.000 min
Response: 5149911
Conc: 47.70 ug/ml



#8 N-DOCOSANE

R.T.: 13.558 min
Delta R.T.: 0.000 min
Response: 4980418
Conc: 47.64 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.453 min
Delta R.T.: 0.001 min
Response: 4294856
Conc: 47.96 ug/ml

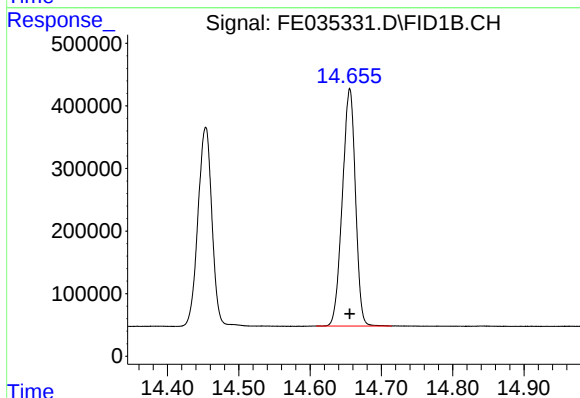
Instrument :

FID_E

ClientSampleId :
50 PPM TRPH STD

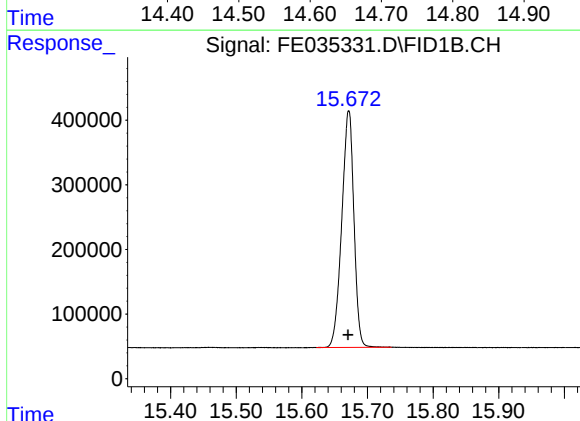
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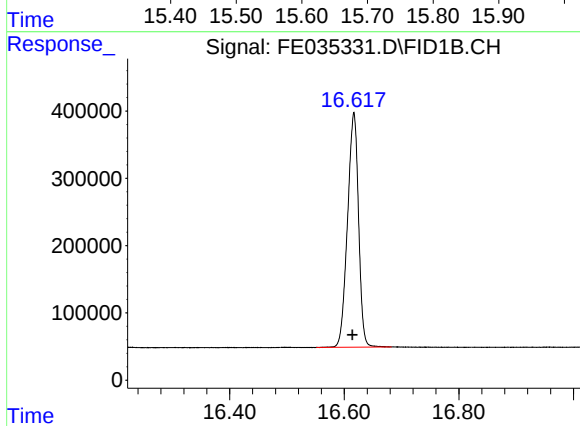
#10 N-TETRACOSANE

R.T.: 14.656 min
Delta R.T.: 0.000 min
Response: 4839586
Conc: 47.83 ug/ml



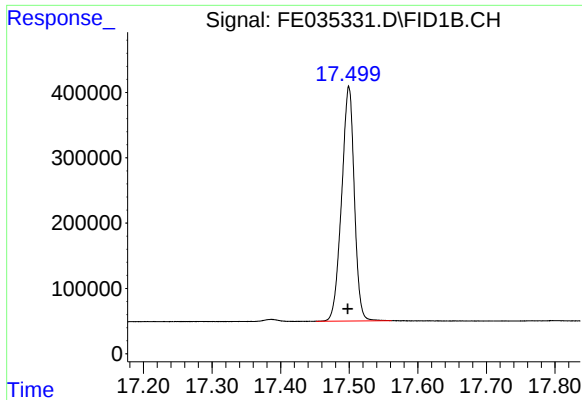
#11 N-HEXACOSANE

R.T.: 15.672 min
Delta R.T.: 0.000 min
Response: 4715036
Conc: 48.36 ug/ml



#12 N-OCTACOSANE

R.T.: 16.617 min
Delta R.T.: 0.003 min
Response: 4657967
Conc: 49.64 ug/ml



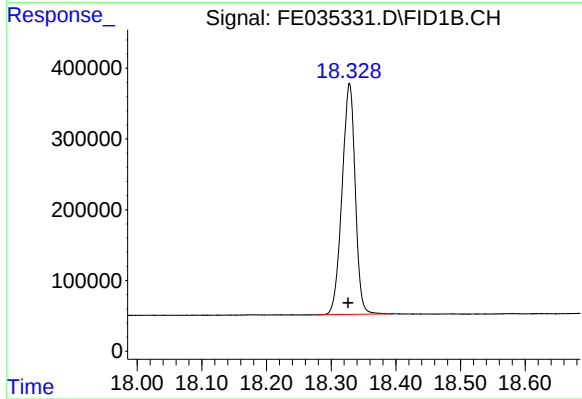
#13 N-TRIACONTANE

R.T.: 17.500 min
Delta R.T.: 0.002 min
Response: 4624596
Conc: 51.06 ug/ml

Instrument :
FID_E
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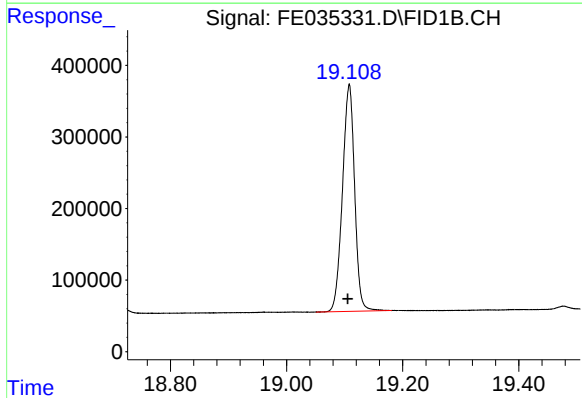
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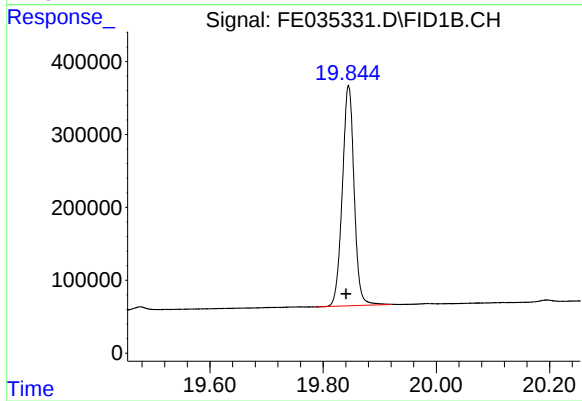
#14 N-DOTRIACONTANE

R.T.: 18.328 min
Delta R.T.: 0.002 min
Response: 4621759
Conc: 52.58 ug/ml



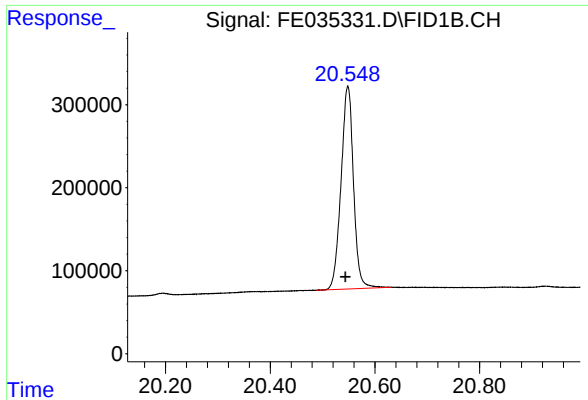
#15 N-TETRATRIACONTANE

R.T.: 19.108 min
Delta R.T.: 0.003 min
Response: 4610737
Conc: 53.81 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.845 min
Delta R.T.: 0.004 min
Response: 4374145
Conc: 55.35 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.548 min
Delta R.T.: 0.005 min
Response: 4035334
Conc: 56.77 ug/ml

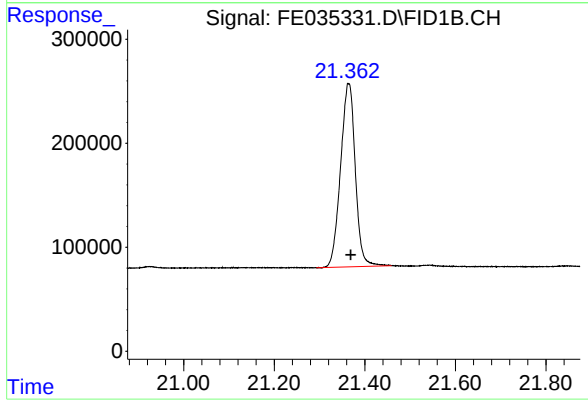
Instrument :

FID_E

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#18 N-TETRACONTANE

R.T.: 21.364 min
Delta R.T.: -0.005 min
Response: 3977931
Conc: 57.85 ug/ml