

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040622\
 Data File : FG009531.D
 Signal(s) : FID1A.ch
 Acq On : 06 Apr 2022 17:49
 Operator : AJ\MA
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2022
 Supervised By :mohammad ahmed 04/07/2022

Integration File: Sample.e
 Quant Time: Apr 07 15:12:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG040122.M
 Quant Title :
 QLast Update : Fri Apr 01 13:54:05 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...	14.635	6642243	51.560 ug/ml
Target Compounds			
1) N-OCTANE	2.231	7827706	53.578 ug/ml
2) N-DECANE	4.329	8299451	55.898 ug/ml
3) N-DODECANE	6.358	8397029	55.716 ug/ml
4) N-TETRADECANE	8.158	8475020	55.327 ug/ml
5) N-HEXADECANE	9.766	8440609	54.696 ug/ml
6) N-OCTADECANE	11.212	8490608	53.964 ug/ml
7) N-EICOSANE	12.528	8052511	53.167 ug/ml
8) N-DOCOSANE	13.732	7715461	52.281 ug/ml
10) N-TETRACOSANE	14.840	7400138	51.621 ug/ml
11) N-HEXACOSANE	15.865	7025025	51.139 ug/ml
12) N-OCTACOSANE	16.819	6760971	51.804 ug/ml
13) N-TRIACONTANE	17.709	6562394	53.145 ug/ml
14) N-DOTRIACONTANE	18.545	6344175	54.654 ug/ml
15) N-TETRATRIACONTANE	19.332	5974889	56.192 ug/ml
16) N-HEXATRIACONTANE	20.075	5531800	58.419 ug/ml
17) N-OCTATRIACONTANE	20.816	4868429	56.536 ug/ml
18) N-TETRACONTANE	21.731	4633764	53.691 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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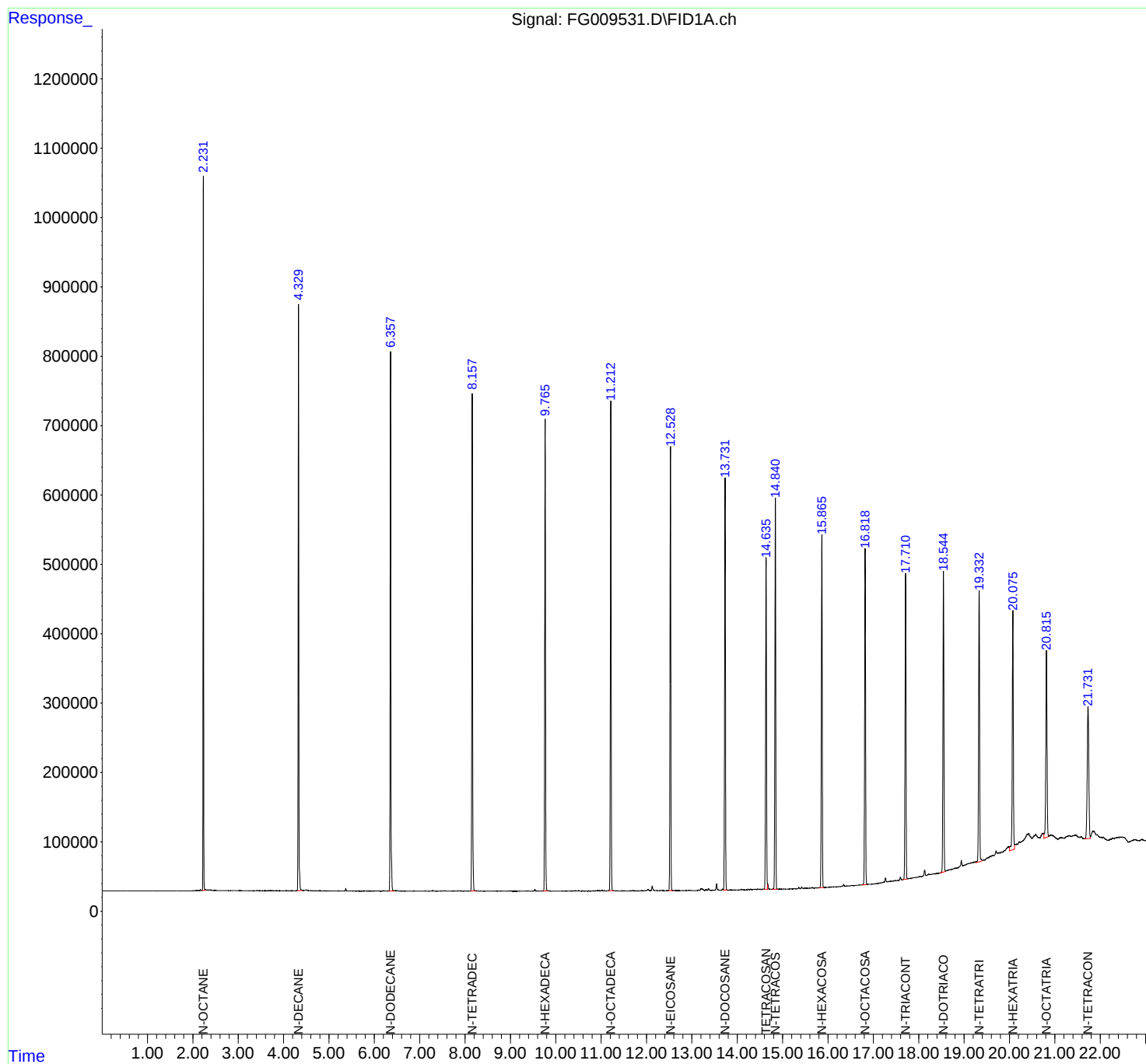
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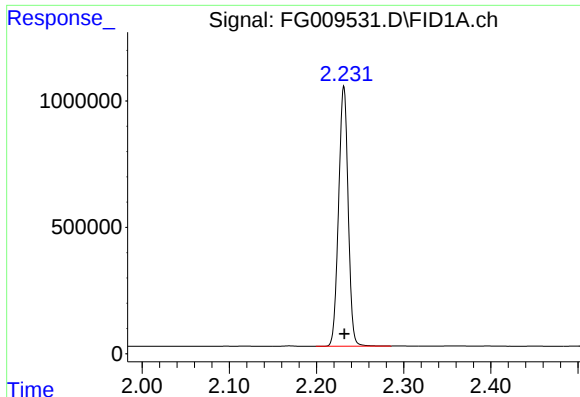
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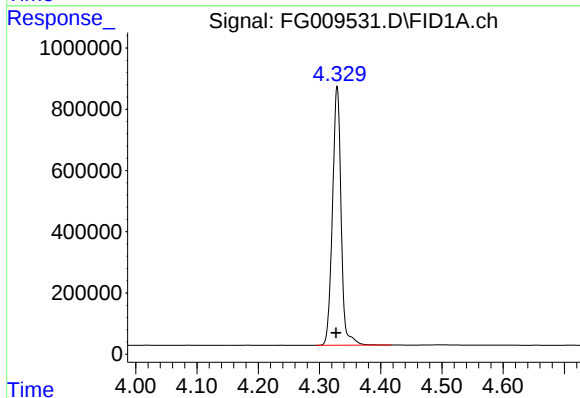
#1 N-OCTANE

R.T.: 2.231 min
Delta R.T.: 0.000 min
Response: 7827706
Conc: 53.58 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

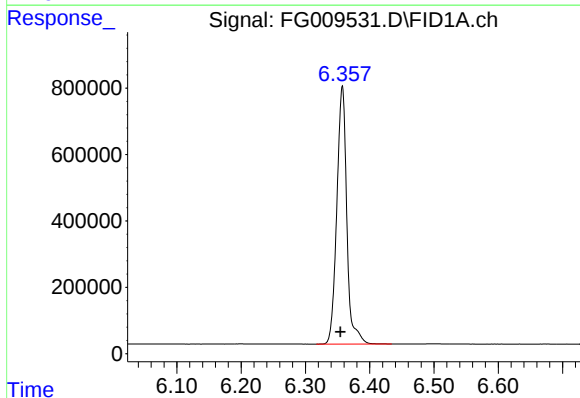
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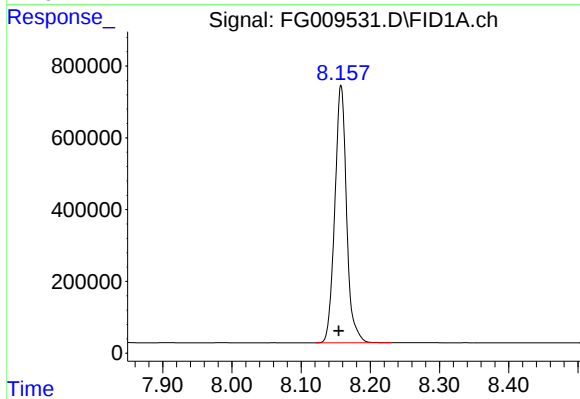
#2 N-DECANE

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 8299451
Conc: 55.90 ug/ml



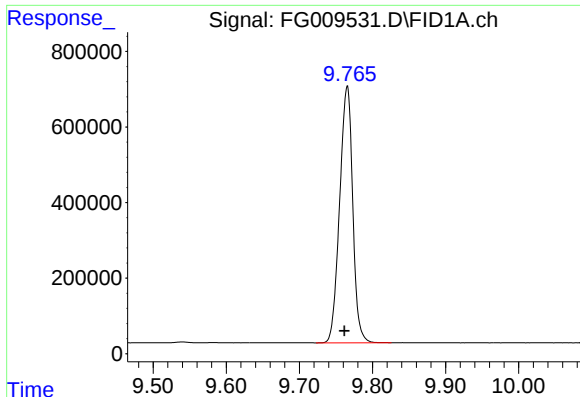
#3 N-DODECANE

R.T.: 6.358 min
Delta R.T.: 0.003 min
Response: 8397029
Conc: 55.72 ug/ml



#4 N-TETRADECANE

R.T.: 8.158 min
Delta R.T.: 0.003 min
Response: 8475020
Conc: 55.33 ug/ml



#5 N-HEXADECANE

R.T.: 9.766 min
Delta R.T.: 0.004 min
Response: 8440609
Conc: 54.70 ug/ml

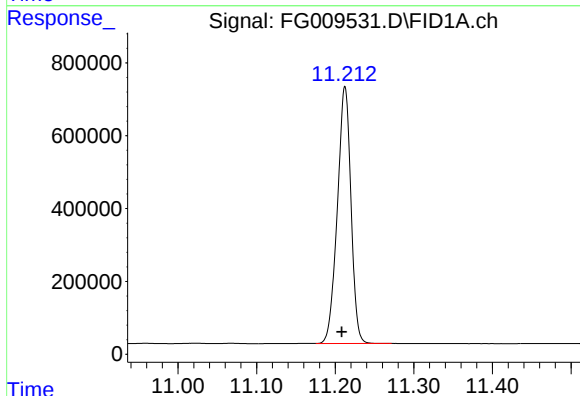
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

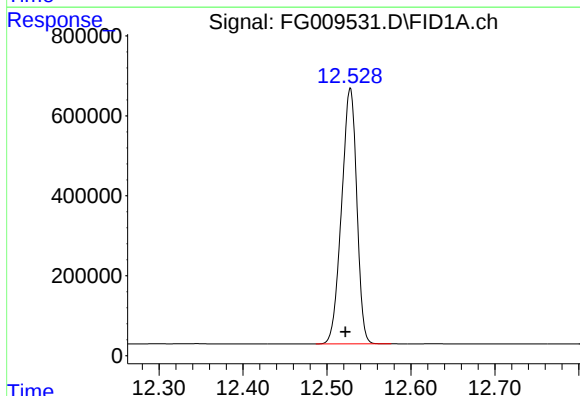
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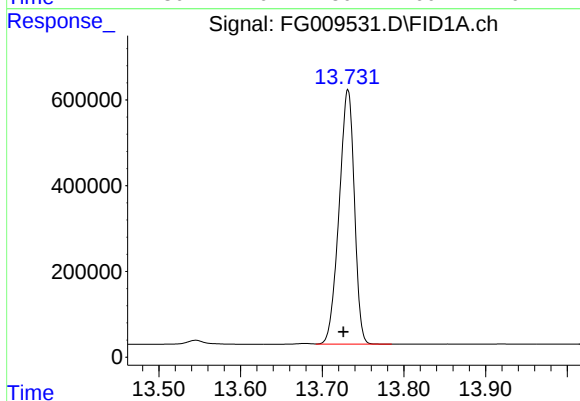
#6 N-OCTADECANE

R.T.: 11.212 min
Delta R.T.: 0.004 min
Response: 8490608
Conc: 53.96 ug/ml



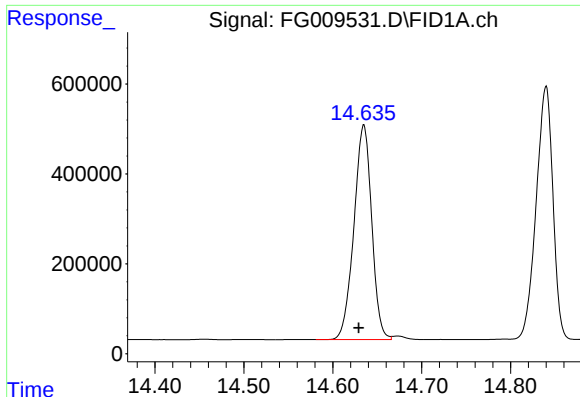
#7 N-EICOSANE

R.T.: 12.528 min
Delta R.T.: 0.006 min
Response: 8052511
Conc: 53.17 ug/ml



#8 N-DOCOSANE

R.T.: 13.732 min
Delta R.T.: 0.006 min
Response: 7715461
Conc: 52.28 ug/ml



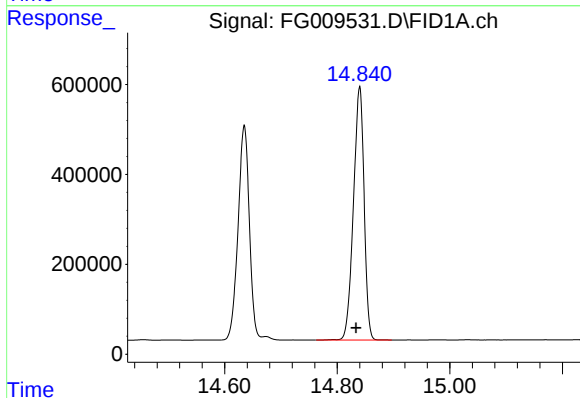
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.635 min
Delta R.T.: 0.006 min
Response: 6642243
Conc: 51.56 ug/ml

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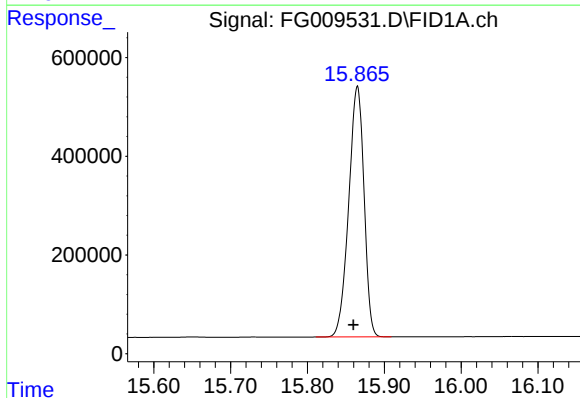
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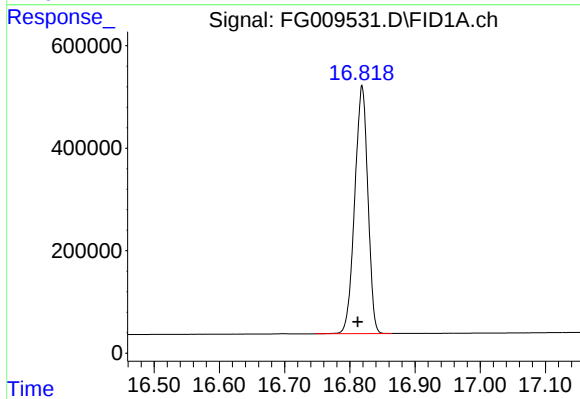
#10 N-TETRACOSANE

R.T.: 14.840 min
Delta R.T.: 0.007 min
Response: 7400138
Conc: 51.62 ug/ml



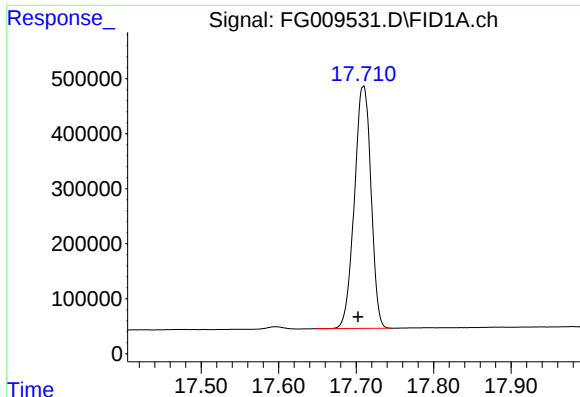
#11 N-HEXACOSANE

R.T.: 15.865 min
Delta R.T.: 0.005 min
Response: 7025025
Conc: 51.14 ug/ml



#12 N-OCTACOSANE

R.T.: 16.819 min
Delta R.T.: 0.007 min
Response: 6760971
Conc: 51.80 ug/ml



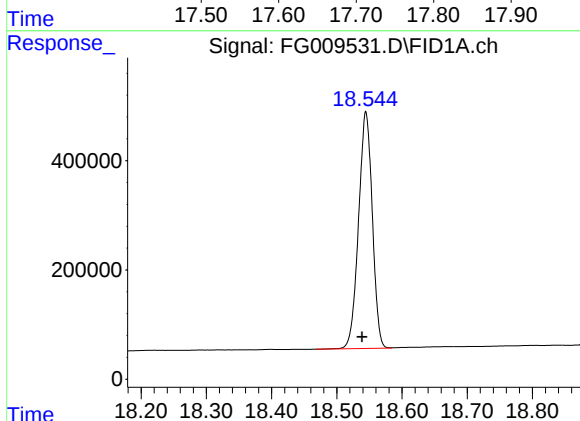
#13 N-TRIACONTANE

R.T.: 17.709 min
Delta R.T.: 0.007 min
Response: 6562394
Conc: 53.15 ug/ml

Instrument :
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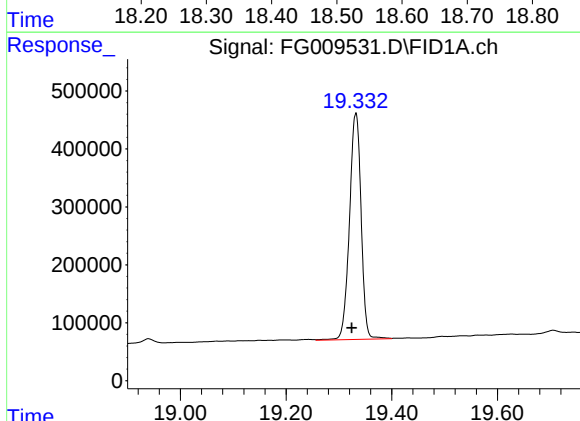
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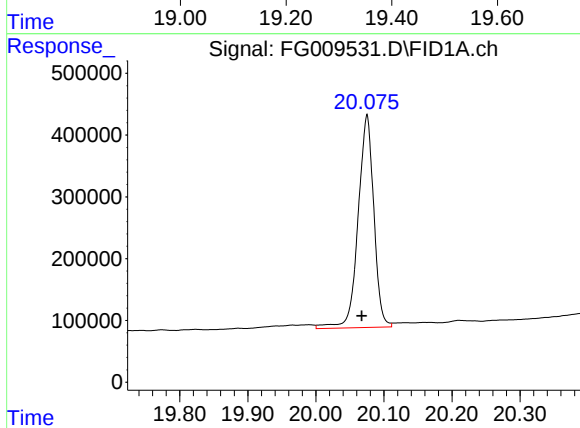
#14 N-DOTRIACONTANE

R.T.: 18.545 min
Delta R.T.: 0.006 min
Response: 6344175
Conc: 54.65 ug/ml



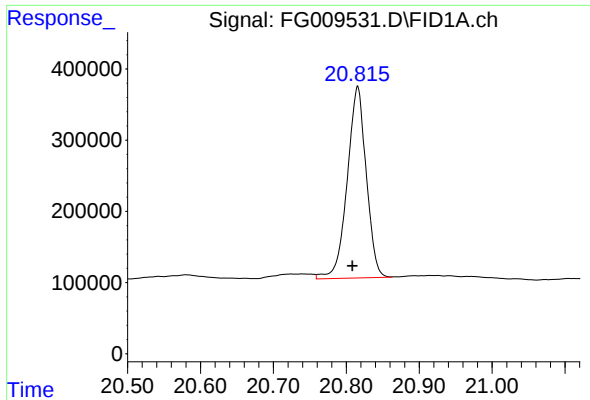
#15 N-TETRATRIACONTANE

R.T.: 19.332 min
Delta R.T.: 0.008 min
Response: 5974889
Conc: 56.19 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.075 min
Delta R.T.: 0.008 min
Response: 5531800
Conc: 58.42 ug/ml



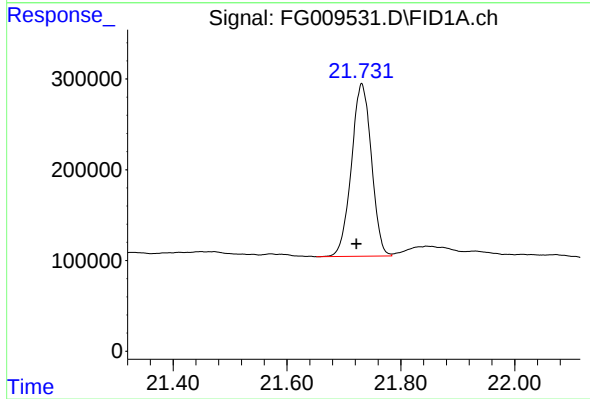
#17 N-OCTATRIACONTANE

R.T.: 20.816 min
Delta R.T.: 0.007 min
Response: 4868429
Conc: 56.54 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.731 min
Delta R.T.: 0.009 min
Response: 4633764
Conc: 53.69 ug/ml