

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062222\
 Data File : FG009928.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jun 2022 15:32
 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 06/23/2022
 Supervised By :Ankita Jodhani 06/23/2022

Integration File: autoint1.e
 Quant Time: Jun 23 01:48:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 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...	14.827	5665031	53.821 ug/ml
Target Compounds			
1) N-OCTANE	1.835	5609681	44.767 ug/ml
2) N-DECANE	4.344	6008806	47.580 ug/ml
3) N-DODECANE	6.524	6132822	48.613 ug/ml
4) N-TETRADECANE	8.355	6294025	49.535 ug/ml
5) N-HEXADECANE	9.963	6386660	50.636 ug/ml
6) N-OCTADECANE	11.409	6486494	51.393 ug/ml
7) N-EICOSANE	12.722	6367462	52.063 ug/ml
8) N-DOCOSANE	13.923	6328776	52.485 ug/ml
10) N-TETRACOSANE	15.030	6278781	53.573 ug/ml
11) N-HEXACOSANE	16.055	6217958	54.809 ug/ml
12) N-OCTACOSANE	17.008	6135094	53.614 ug/ml
13) N-TRIACONTANE	17.899	6097413	56.626 ug/ml
14) N-DOTRIACONTANE	18.734	5986841	56.877 ug/ml
15) N-TETRATRIACONTANE	19.521	5067090	52.774 ug/ml
16) N-HEXATRIACONTANE	20.262	4151003	51.363 ug/ml
17) N-OCTATRIACONTANE	20.979	3568488	49.690 ug/ml
18) N-TETRACONTANE	21.836	3599766	51.262 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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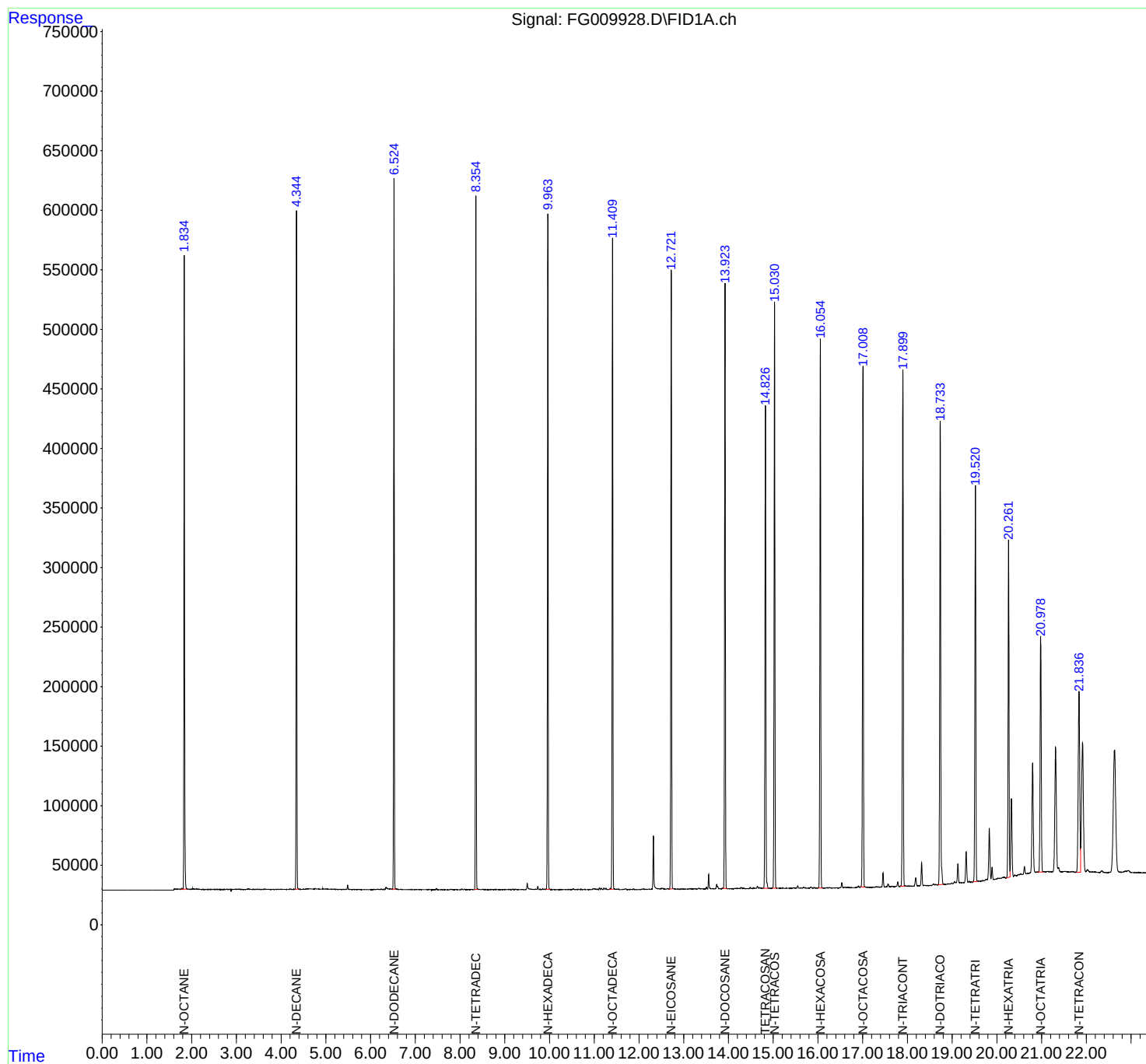
Instrument :
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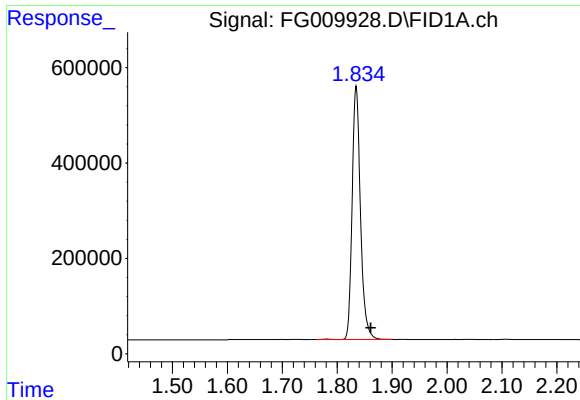
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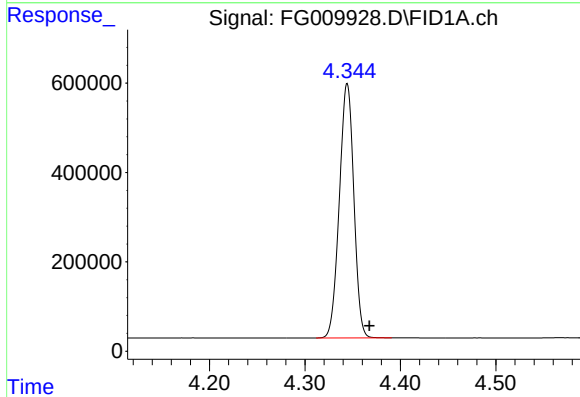
#1 N-OCTANE

R.T.: 1.835 min
Delta R.T.: -0.026 min
Response: 5609681
Conc: 44.77 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

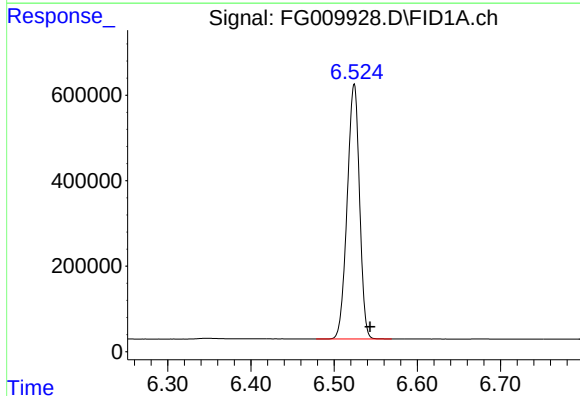
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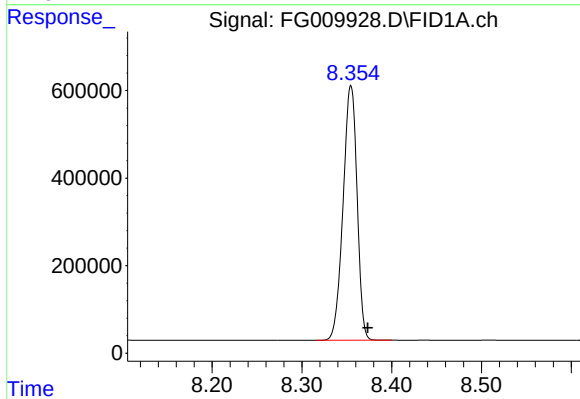
#2 N-DECANE

R.T.: 4.344 min
Delta R.T.: -0.023 min
Response: 6008806
Conc: 47.58 ug/ml



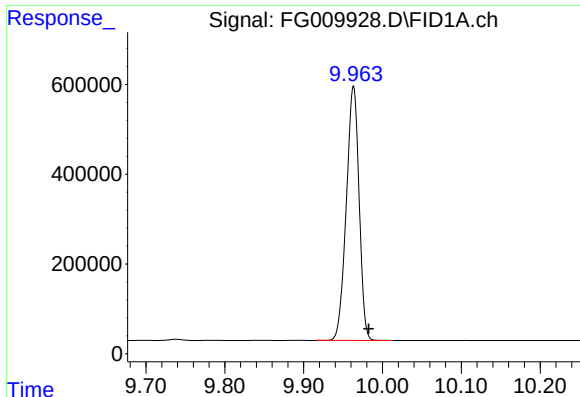
#3 N-DODECANE

R.T.: 6.524 min
Delta R.T.: -0.019 min
Response: 6132822
Conc: 48.61 ug/ml



#4 N-TETRADECANE

R.T.: 8.355 min
Delta R.T.: -0.019 min
Response: 6294025
Conc: 49.53 ug/ml



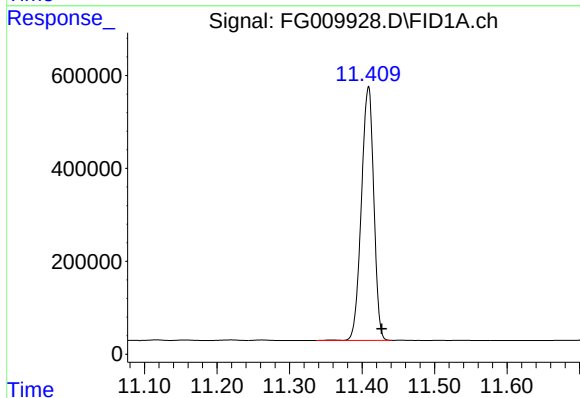
#5 N-HEXADECANE

R.T.: 9.963 min
Delta R.T.: -0.019 min
Response: 6386660
Conc: 50.64 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

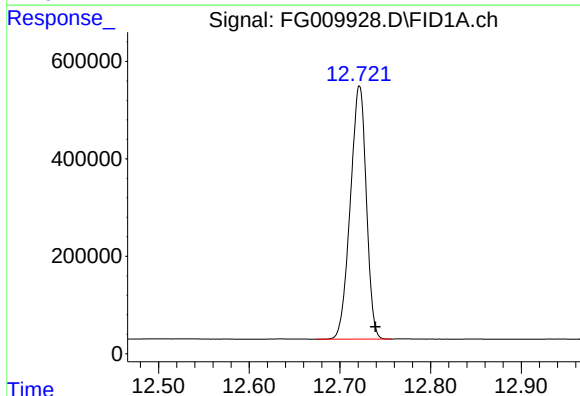
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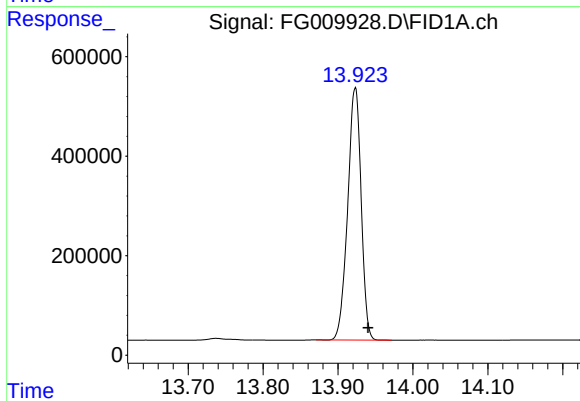
#6 N-OCTADECANE

R.T.: 11.409 min
Delta R.T.: -0.018 min
Response: 6486494
Conc: 51.39 ug/ml



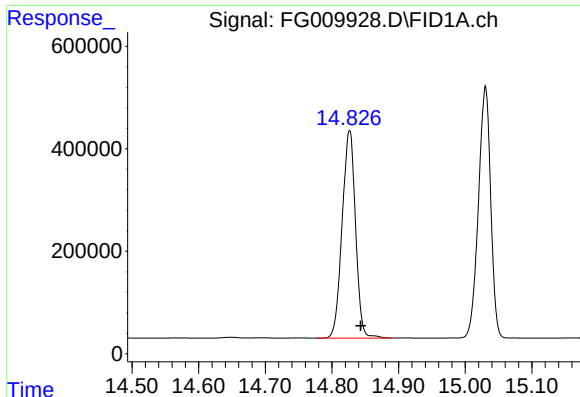
#7 N-EICOSANE

R.T.: 12.722 min
Delta R.T.: -0.018 min
Response: 6367462
Conc: 52.06 ug/ml



#8 N-DOCOSANE

R.T.: 13.923 min
Delta R.T.: -0.017 min
Response: 6328776
Conc: 52.49 ug/ml



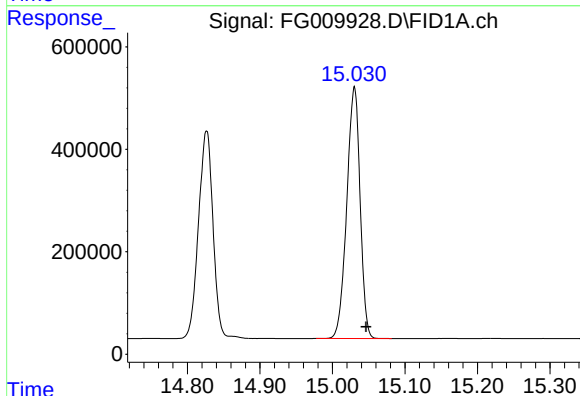
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.827 min
Delta R.T.: -0.017 min
Response: 5665031
Conc: 53.82 ug/ml

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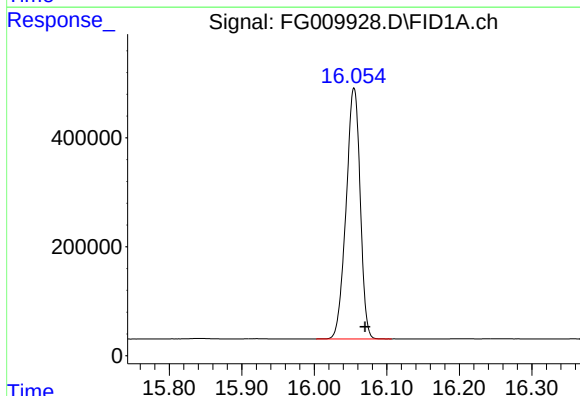
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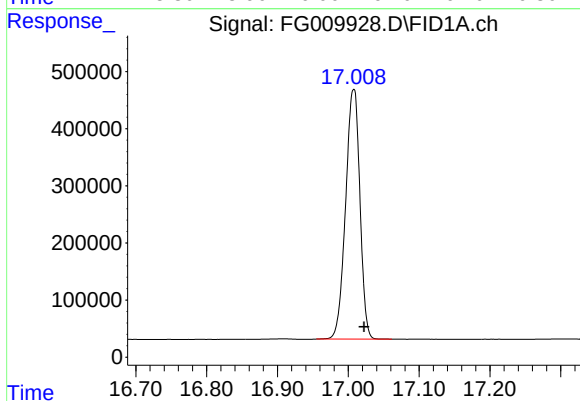
#10 N-TETRACOSANE

R.T.: 15.030 min
Delta R.T.: -0.016 min
Response: 6278781
Conc: 53.57 ug/ml



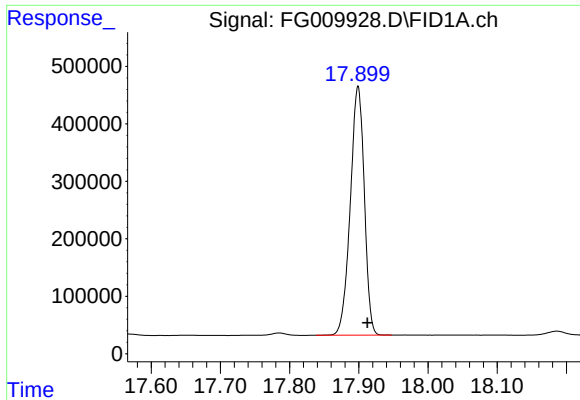
#11 N-HEXACOSANE

R.T.: 16.055 min
Delta R.T.: -0.015 min
Response: 6217958
Conc: 54.81 ug/ml



#12 N-OCTACOSANE

R.T.: 17.008 min
Delta R.T.: -0.015 min
Response: 6135094
Conc: 53.61 ug/ml



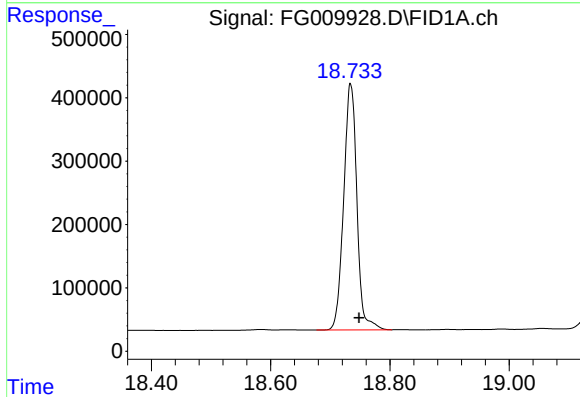
#13 N-TRIACONTANE

R.T.: 17.899 min
Delta R.T.: -0.013 min
Response: 6097413
Conc: 56.63 ug/ml

Instrument :
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50 PPM TRPH STD

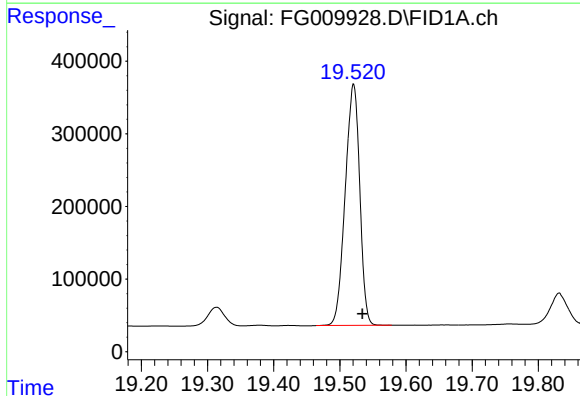
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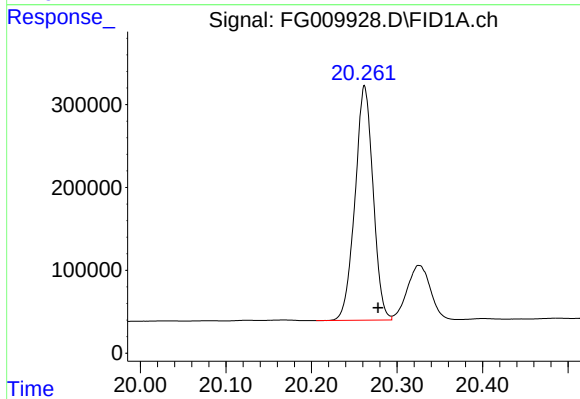
#14 N-DOTRIACONTANE

R.T.: 18.734 min
Delta R.T.: -0.014 min
Response: 5986841
Conc: 56.88 ug/ml



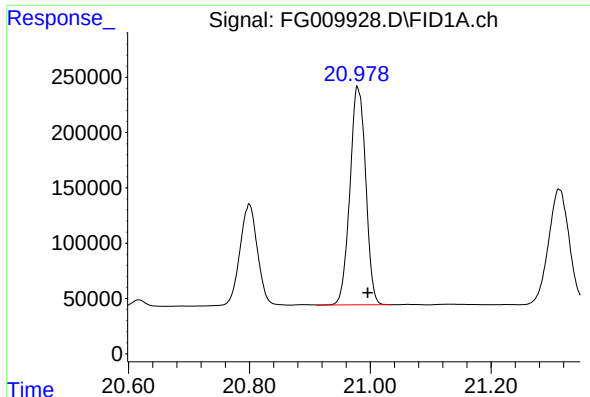
#15 N-TETRATRIACONTANE

R.T.: 19.521 min
Delta R.T.: -0.013 min
Response: 5067090
Conc: 52.77 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.262 min
Delta R.T.: -0.016 min
Response: 4151003
Conc: 51.36 ug/ml



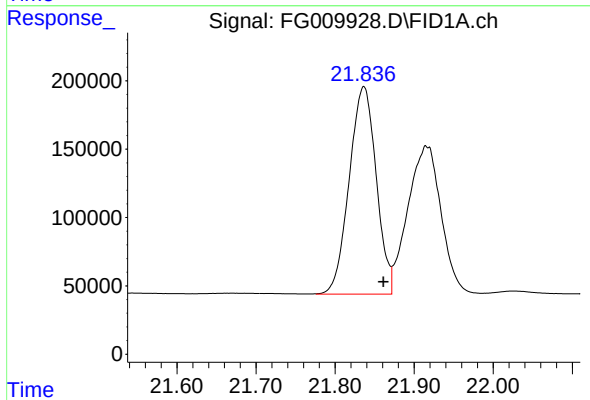
#17 N-OCTATRIACONTANE

R.T.: 20.979 min
Delta R.T.: -0.017 min
Response: 3568488
Conc: 49.69 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.836 min
Delta R.T.: -0.025 min
Response: 3599766
Conc: 51.26 ug/ml m