

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062422\
 Data File : FG009950.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2022 09:36
 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 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 25 01:00:24 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...	14.822	5110390	48.552 ug/mlm
Target Compounds			
1) N-OCTANE	1.832	5085911	40.587 ug/ml
2) N-DECANE	4.343	5522002	43.725 ug/ml
3) N-DODECANE	6.522	5604093	44.422 ug/ml
4) N-TETRADECANE	8.353	5714514	44.974 ug/ml
5) N-HEXADECANE	9.962	5768345	45.734 ug/ml
6) N-OCTADECANE	11.407	5841536	46.283 ug/ml
7) N-EICOSANE	12.720	5762237	47.115 ug/ml
8) N-DOCOSANE	13.921	5736833	47.576 ug/ml
10) N-TETRACOSANE	15.028	5645712	48.171 ug/ml
11) N-HEXACOSANE	16.050	5577091	49.160 ug/ml
12) N-OCTACOSANE	17.002	5466493	47.771 ug/ml
13) N-TRIACONTANE	17.894	5403163	50.178 ug/ml
14) N-DOTRIACONTANE	18.727	5091152	48.368 ug/ml
15) N-TETRATRIACONTANE	19.513	4551253	47.401 ug/ml
16) N-HEXATRIACONTANE	20.256	3790487	46.902 ug/ml
17) N-OCTATRIACONTANE	20.970	3329154	46.358 ug/ml
18) N-TETRACONTANE	21.824	3406026	48.503 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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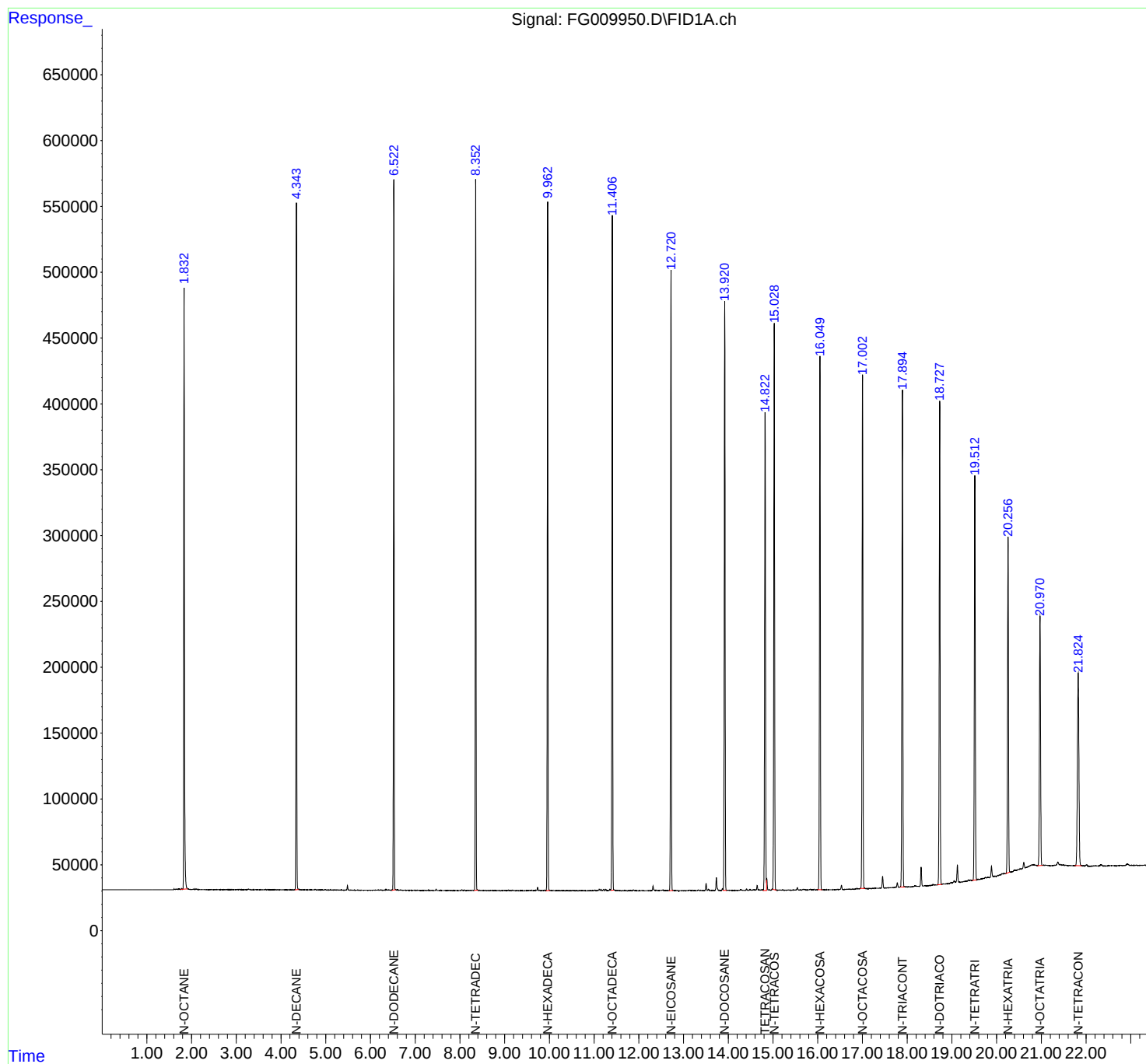
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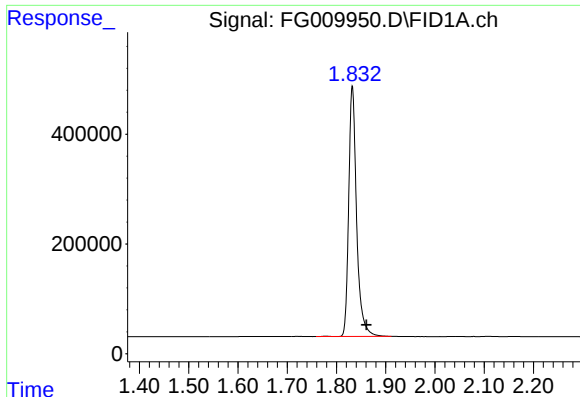
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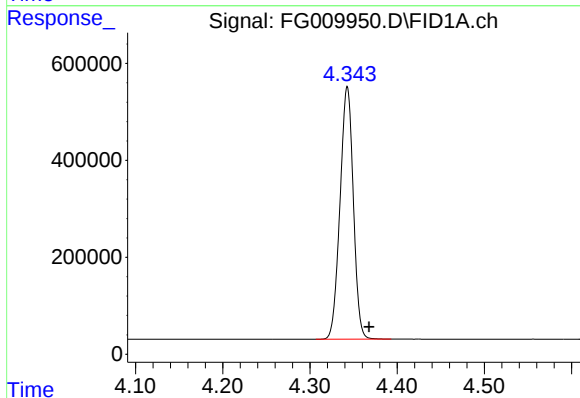
#1 N-OCTANE

R.T.: 1.832 min
Delta R.T.: -0.029 min
Response: 5085911
Conc: 40.59 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

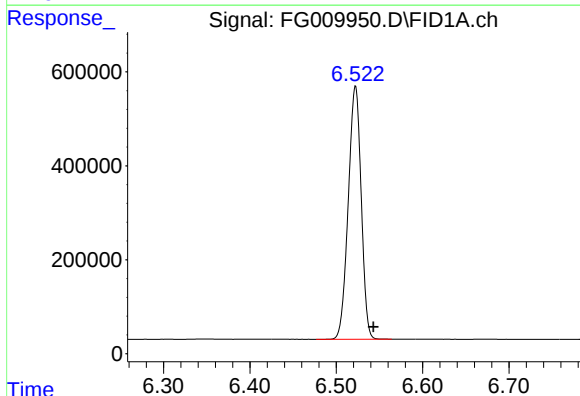
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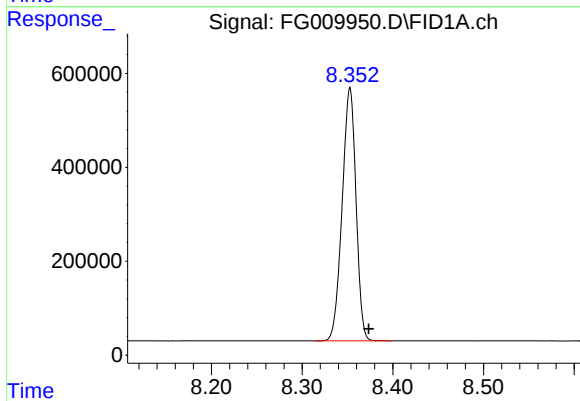
#2 N-DECANE

R.T.: 4.343 min
Delta R.T.: -0.025 min
Response: 5522002
Conc: 43.73 ug/ml



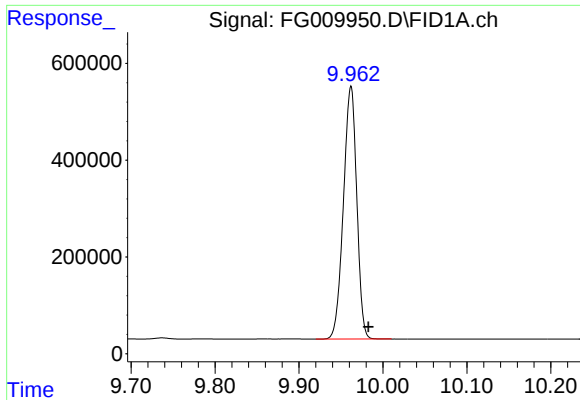
#3 N-DODECANE

R.T.: 6.522 min
Delta R.T.: -0.021 min
Response: 5604093
Conc: 44.42 ug/ml



#4 N-TETRADECANE

R.T.: 8.353 min
Delta R.T.: -0.020 min
Response: 5714514
Conc: 44.97 ug/ml



#5 N-HEXADECANE

R.T.: 9.962 min
Delta R.T.: -0.021 min
Response: 5768345
Conc: 45.73 ug/ml

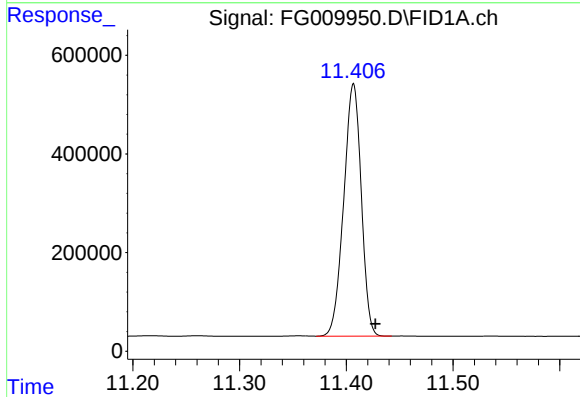
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

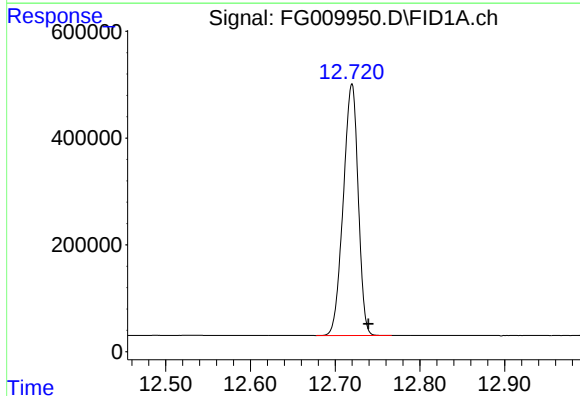
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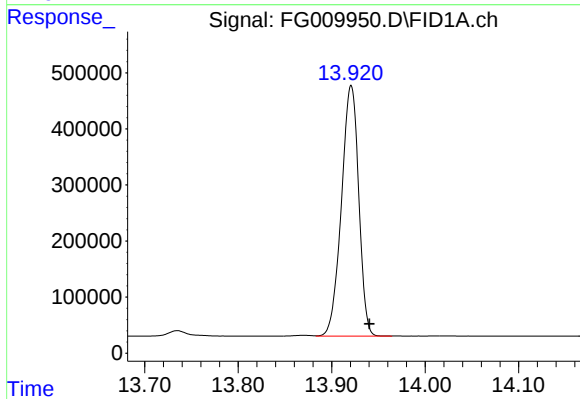
#6 N-OCTADECANE

R.T.: 11.407 min
Delta R.T.: -0.021 min
Response: 5841536
Conc: 46.28 ug/ml



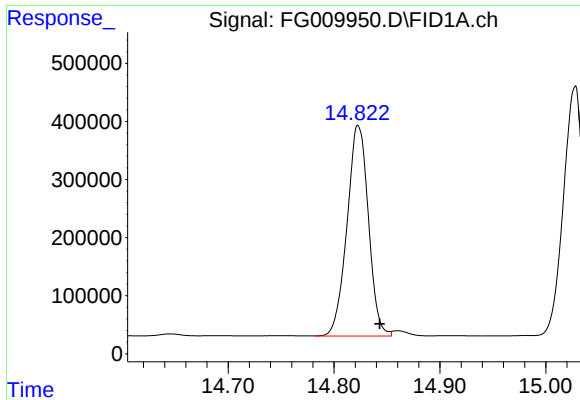
#7 N-EICOSANE

R.T.: 12.720 min
Delta R.T.: -0.019 min
Response: 5762237
Conc: 47.11 ug/ml



#8 N-DOCOSANE

R.T.: 13.921 min
Delta R.T.: -0.019 min
Response: 5736833
Conc: 47.58 ug/ml



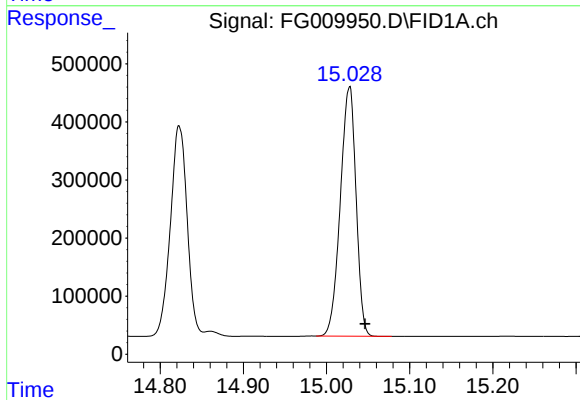
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.822 min
Delta R.T.: -0.021 min
Response: 5110390
Conc: 48.55 ug/ml

Instrument :
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50 PPM TRPH STD

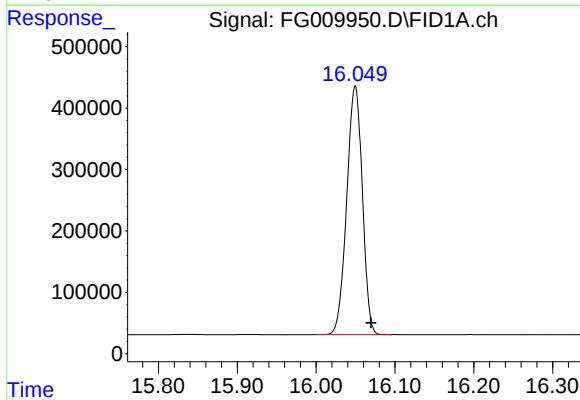
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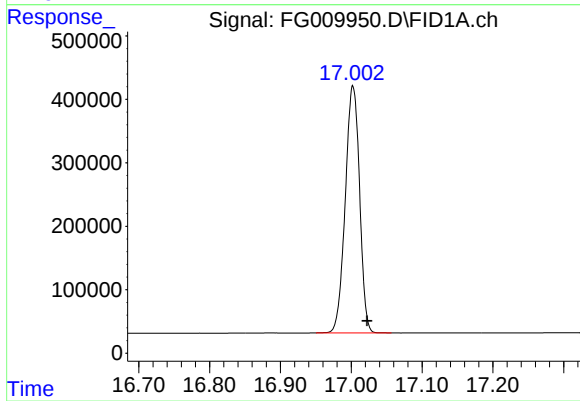
#10 N-TETRACOSANE

R.T.: 15.028 min
Delta R.T.: -0.019 min
Response: 5645712
Conc: 48.17 ug/ml



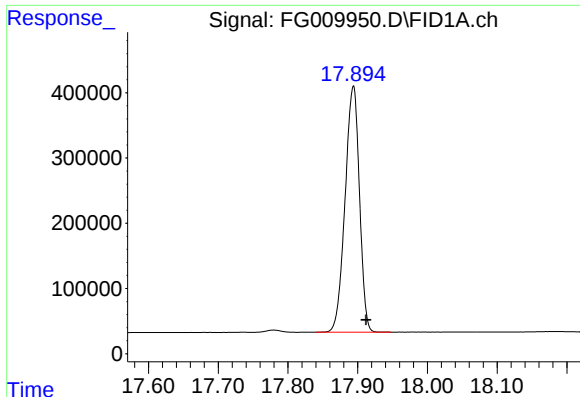
#11 N-HEXACOSANE

R.T.: 16.050 min
Delta R.T.: -0.020 min
Response: 5577091
Conc: 49.16 ug/ml



#12 N-OCTACOSANE

R.T.: 17.002 min
Delta R.T.: -0.020 min
Response: 5466493
Conc: 47.77 ug/ml



#13 N-TRIACONTANE

R.T.: 17.894 min
Delta R.T.: -0.018 min
Response: 5403163
Conc: 50.18 ug/ml

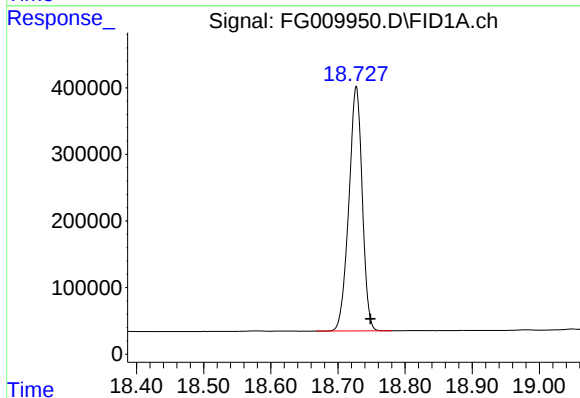
Instrument :

FID_G

ClientSampleId :
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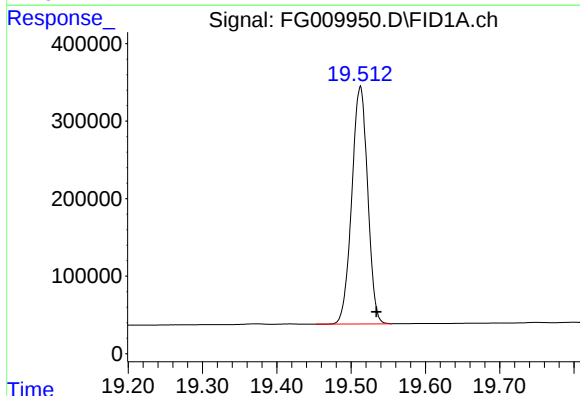
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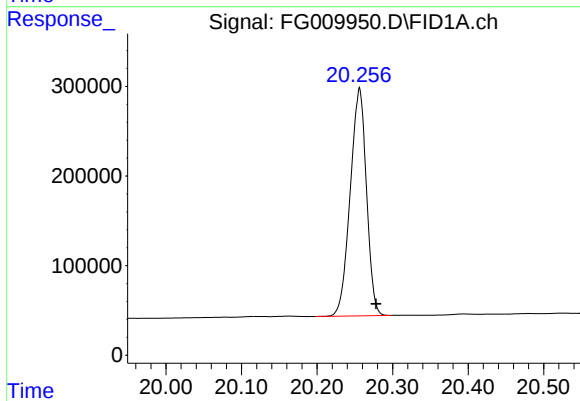
#14 N-DOTRIACONTANE

R.T.: 18.727 min
Delta R.T.: -0.021 min
Response: 5091152
Conc: 48.37 ug/ml



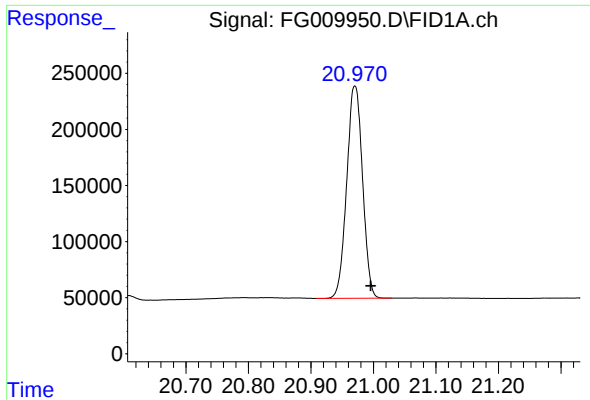
#15 N-TETRATRIACONTANE

R.T.: 19.513 min
Delta R.T.: -0.022 min
Response: 4551253
Conc: 47.40 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.256 min
Delta R.T.: -0.022 min
Response: 3790487
Conc: 46.90 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.970 min
Delta R.T.: -0.025 min
Response: 3329154
Conc: 46.36 ug/ml

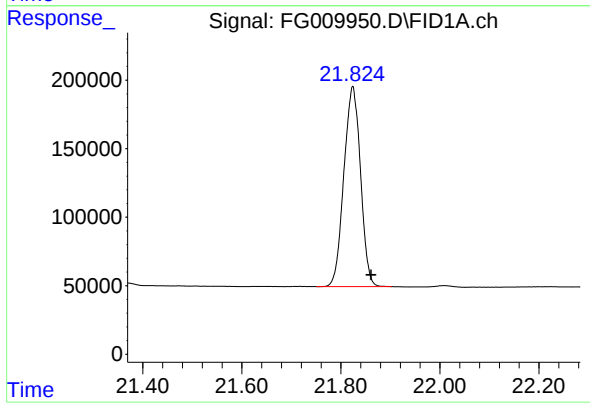
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.824 min
Delta R.T.: -0.037 min
Response: 3406026
Conc: 48.50 ug/ml