

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071522\
 Data File : FG010138.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2022 11:49
 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 :Ankita Jodhani 07/18/2022
 Supervised By :mohammad ahmed 07/18/2022

Integration File: Sample.e
 Quant Time: Jul 15 23:05:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG062922.M
 Quant Title :
 QLast Update : Thu Jun 30 04:15:08 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...	14.810	6027736	50.693 ug/ml
Target Compounds			
1) N-OCTANE	1.828	6241159	50.199 ug/ml
2) N-DECANE	4.335	6600892	51.924 ug/ml
3) N-DODECANE	6.515	6724099	52.022 ug/ml
4) N-TETRADECANE	8.345	6851286	51.960 ug/ml
5) N-HEXADECANE	9.953	6881018	51.590 ug/ml
6) N-OCTADECANE	11.398	6934535	51.285 ug/ml
7) N-EICOSANE	12.709	6819426	50.909 ug/ml
8) N-DOCOSANE	13.910	6786403	50.721 ug/ml
10) N-TETRACOSANE	15.016	6702601	50.571 ug/ml
11) N-HEXACOSANE	16.037	6610857	50.419 ug/ml
12) N-OCTACOSANE	16.987	6476524	50.426 ug/ml
13) N-TRIACONTANE	17.875	6358504	50.534 ug/ml
14) N-DOTRIACONTANE	18.710	5982806	50.575 ug/ml
15) N-TETRATRIACONTANE	19.495	5404954	50.863 ug/ml
16) N-HEXATRIACONTANE	20.235	4581936	51.462 ug/ml
17) N-OCTATRIACONTANE	20.947	4133854	53.084 ug/ml
18) N-TETRACONTANE	21.792	4402103	56.178 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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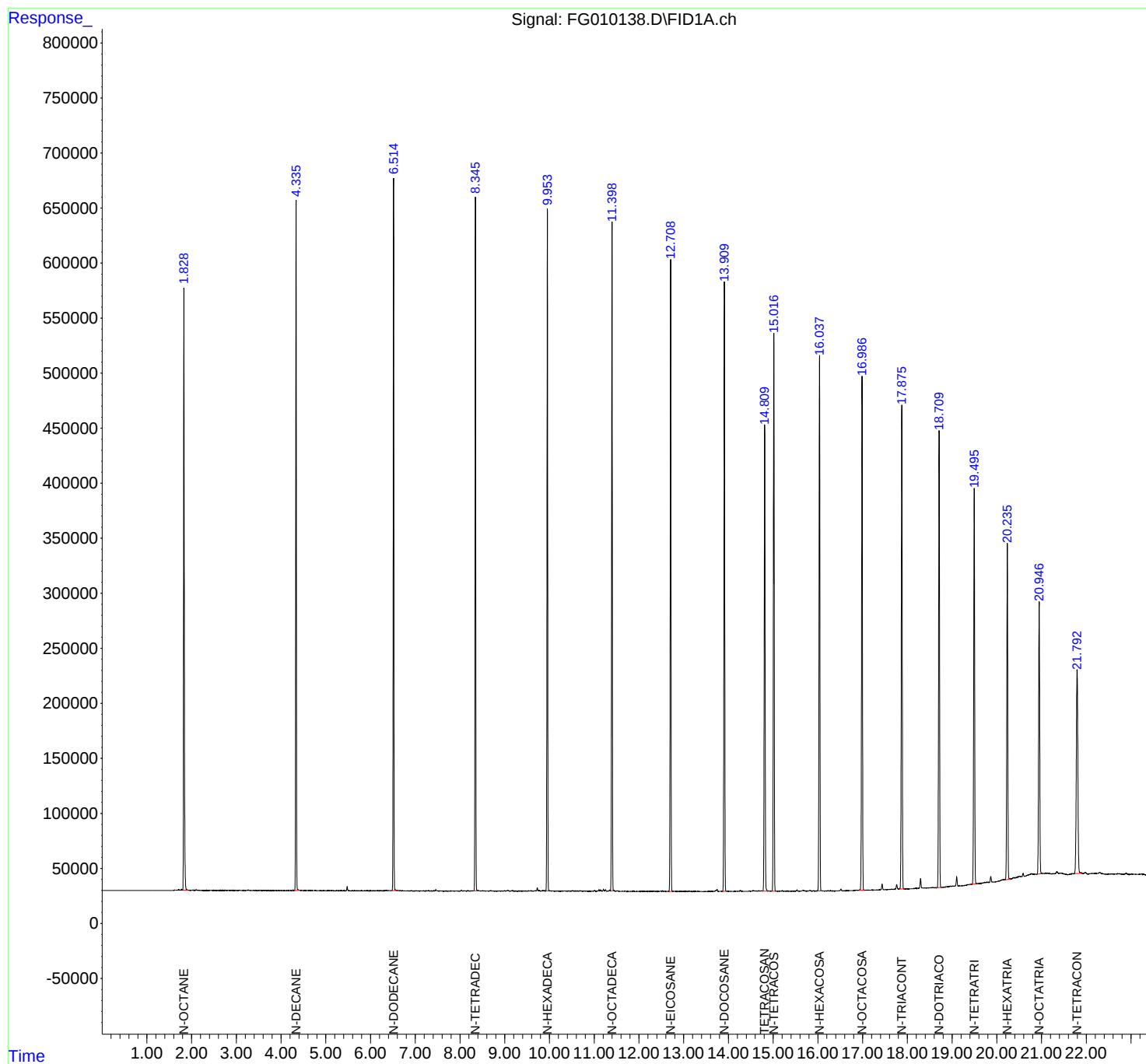
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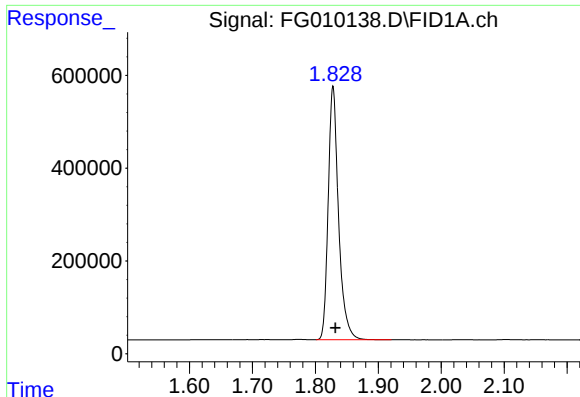
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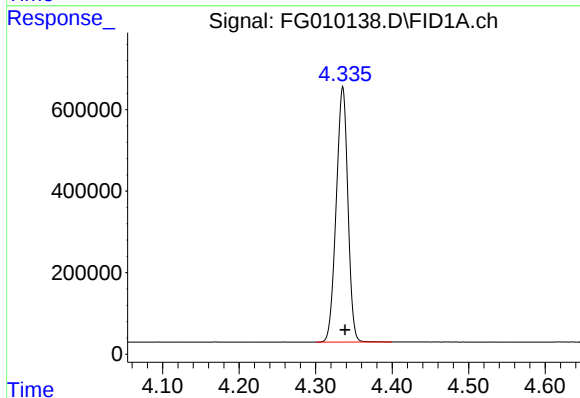
#1 N-OCTANE

R.T.: 1.828 min
Delta R.T.: -0.004 min
Response: 6241159
Conc: 50.20 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

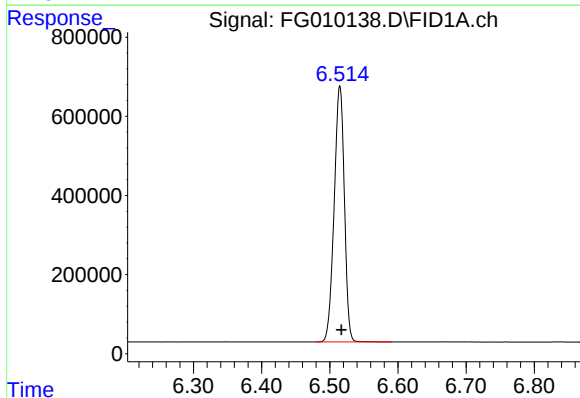
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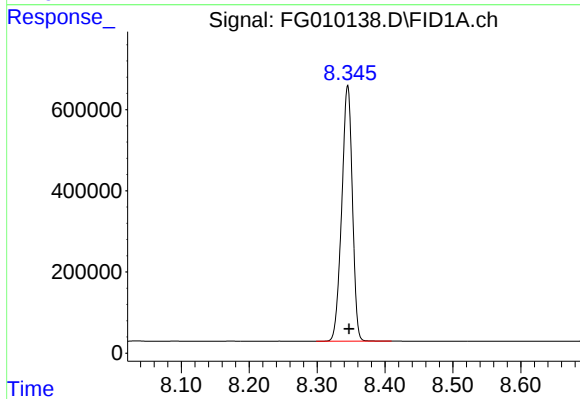
#2 N-DECANE

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 6600892
Conc: 51.92 ug/ml



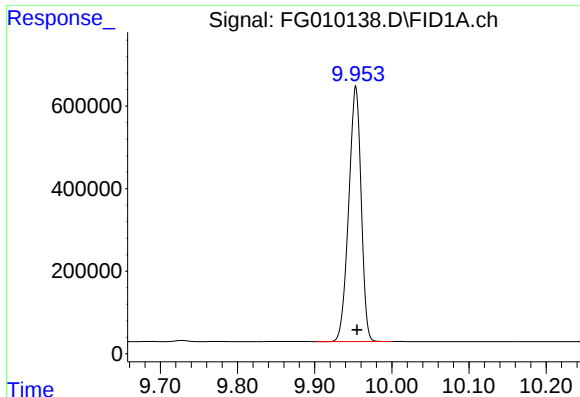
#3 N-DODECANE

R.T.: 6.515 min
Delta R.T.: -0.002 min
Response: 6724099
Conc: 52.02 ug/ml



#4 N-TETRADECANE

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 6851286
Conc: 51.96 ug/ml



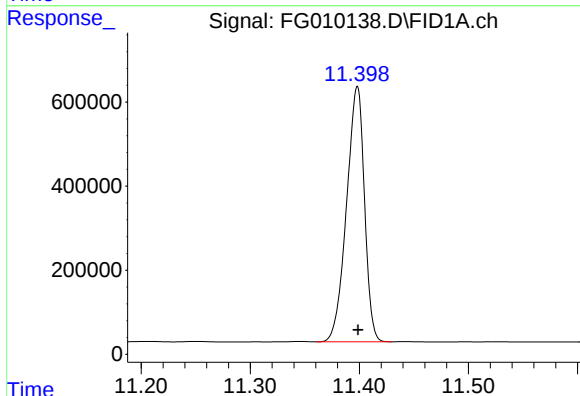
#5 N-HEXADECANE

R.T.: 9.953 min
Delta R.T.: -0.001 min
Response: 6881018
Conc: 51.59 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

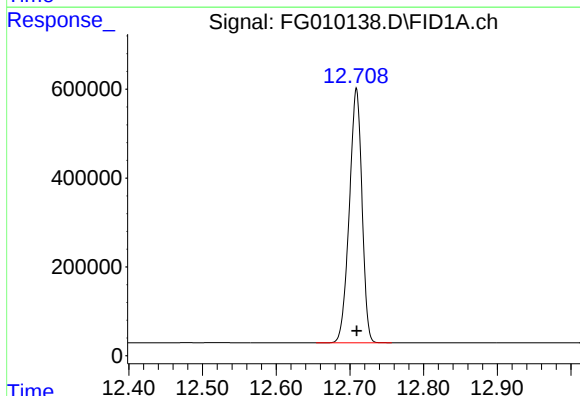
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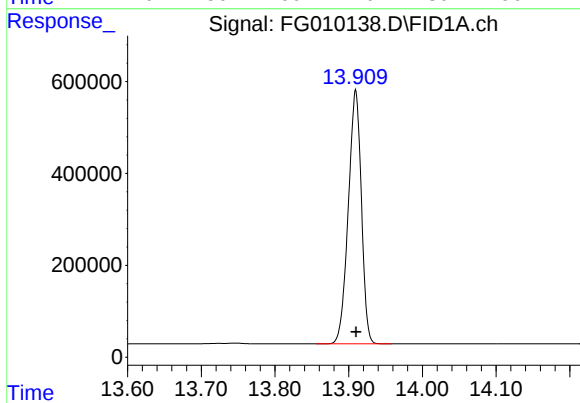
#6 N-OCTADECANE

R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 6934535
Conc: 51.28 ug/ml



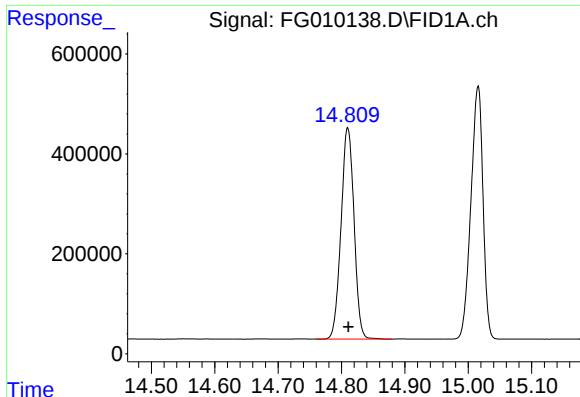
#7 N-EICOSANE

R.T.: 12.709 min
Delta R.T.: 0.000 min
Response: 6819426
Conc: 50.91 ug/ml



#8 N-DOCOSANE

R.T.: 13.910 min
Delta R.T.: 0.000 min
Response: 6786403
Conc: 50.72 ug/ml



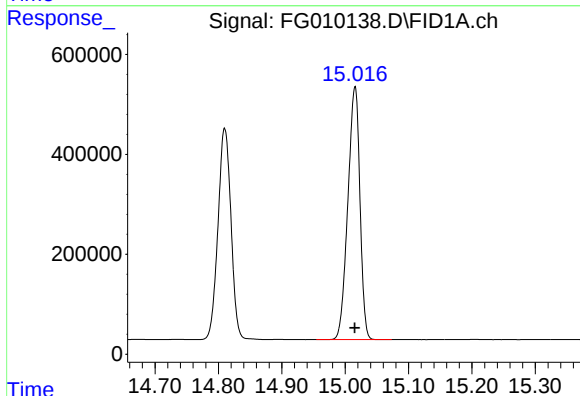
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.810 min
Delta R.T.: 0.000 min
Response: 6027736
Conc: 50.69 ug/ml

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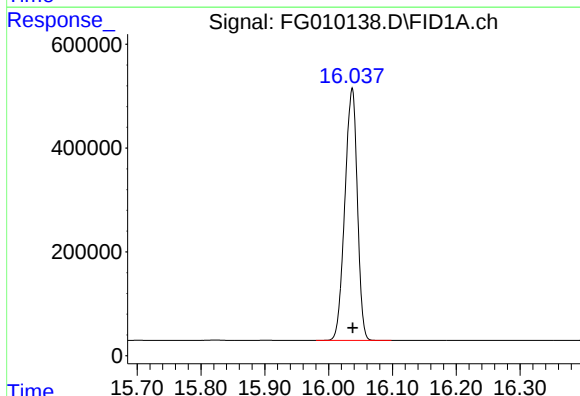
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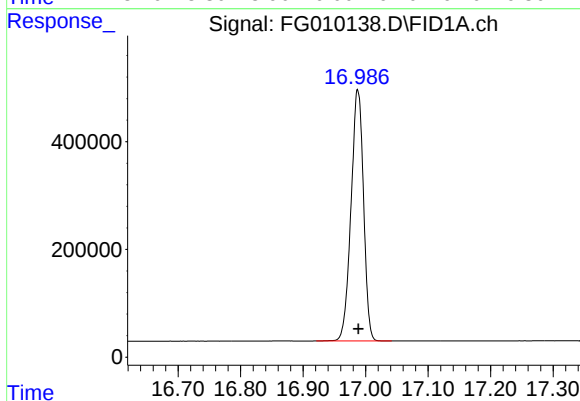
#10 N-TETRACOSANE

R.T.: 15.016 min
Delta R.T.: 0.000 min
Response: 6702601
Conc: 50.57 ug/ml



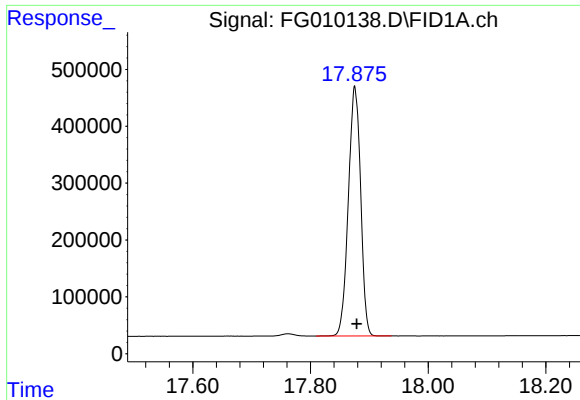
#11 N-HEXACOSANE

R.T.: 16.037 min
Delta R.T.: 0.000 min
Response: 6610857
Conc: 50.42 ug/ml



#12 N-OCTACOSANE

R.T.: 16.987 min
Delta R.T.: -0.001 min
Response: 6476524
Conc: 50.43 ug/ml



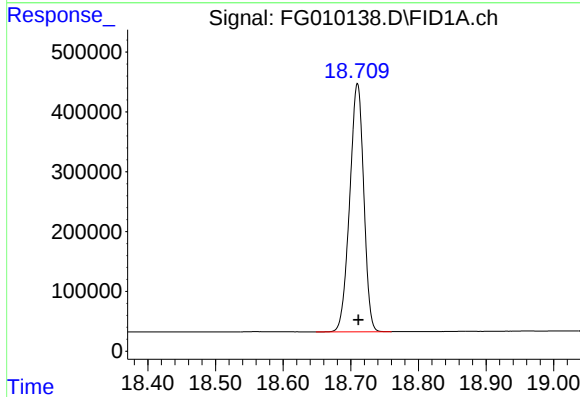
#13 N-TRIACONTANE

R.T.: 17.875 min
Delta R.T.: -0.003 min
Response: 6358504
Conc: 50.53 ug/ml

Instrument :
FID_G
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50 PPM TRPH STD

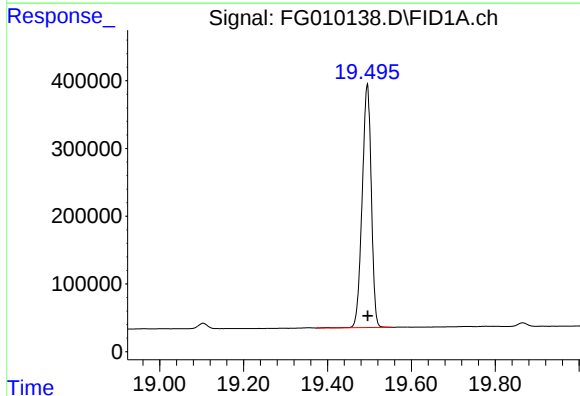
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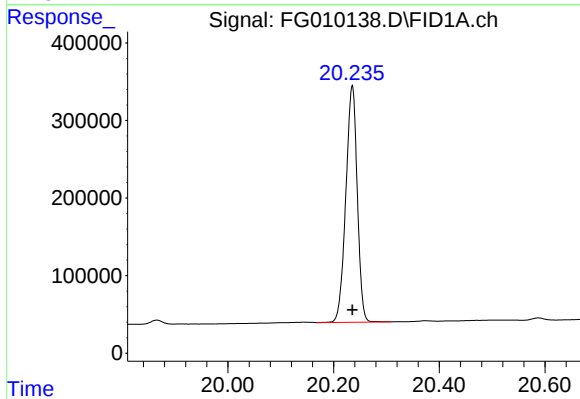
#14 N-DOTRIACONTANE

R.T.: 18.710 min
Delta R.T.: -0.002 min
Response: 5982806
Conc: 50.58 ug/ml



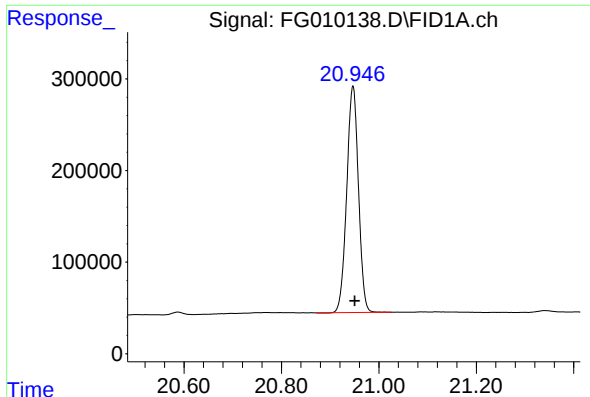
#15 N-TETRATRIACONTANE

R.T.: 19.495 min
Delta R.T.: 0.000 min
Response: 5404954
Conc: 50.86 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.235 min
Delta R.T.: 0.000 min
Response: 4581936
Conc: 51.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.947 min
Delta R.T.: -0.004 min
Response: 4133854
Conc: 53.08 ug/ml

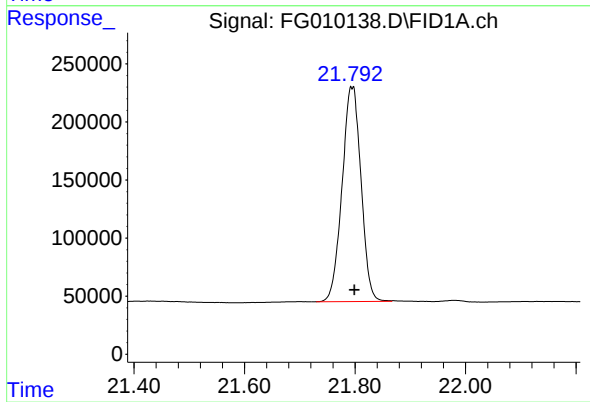
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.792 min
Delta R.T.: -0.007 min
Response: 4402103
Conc: 56.18 ug/ml m