

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120122\
 Data File : FG011169.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2022 13:26
 Operator : YP\AJ
 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 12/01/2022
 Supervised By :Ankita Jodhani 12/02/2022

Integration File: autoint1.e
 Quant Time: Dec 01 14:36:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG111422.M
 Quant Title :
 QLast Update : Mon Nov 14 17:25:52 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...	15.082	5636766	51.489 ug/ml
Target Compounds			
1) N-OCTANE	2.078	5783016	48.254 ug/ml
2) N-DECANE	4.598	6379043	51.477 ug/ml
3) N-DODECANE	6.770	6455341	51.374 ug/ml
4) N-TETRADECANE	8.604	6473407	51.295 ug/ml
5) N-HEXADECANE	10.216	6571654	51.446 ug/ml
6) N-OCTADECANE	11.664	6671382	51.695 ug/ml
7) N-EICOSANE	12.977	6551664	51.726 ug/ml
8) N-DOCOSANE	14.180	6472215	51.526 ug/ml
10) N-TETRACOSANE	15.288	6451996	51.503 ug/ml
11) N-HEXACOSANE	16.312	6173881	50.009 ug/ml
12) N-OCTACOSANE	17.264	5930949	49.495 ug/ml
13) N-TRIACONTANE	18.154	5775922	49.150 ug/ml
14) N-DOTRIACONTANE	18.990	5654913	50.156 ug/ml
15) N-TETRATRIACONTANE	19.775	5630811	52.959 ug/mlm
16) N-HEXATRIACONTANE	20.517	5597489	56.179 ug/mlm
17) N-OCTATRIACONTANE	21.275	5855532	58.681 ug/mlm
18) N-TETRACONTANE	22.227	6280846	61.583 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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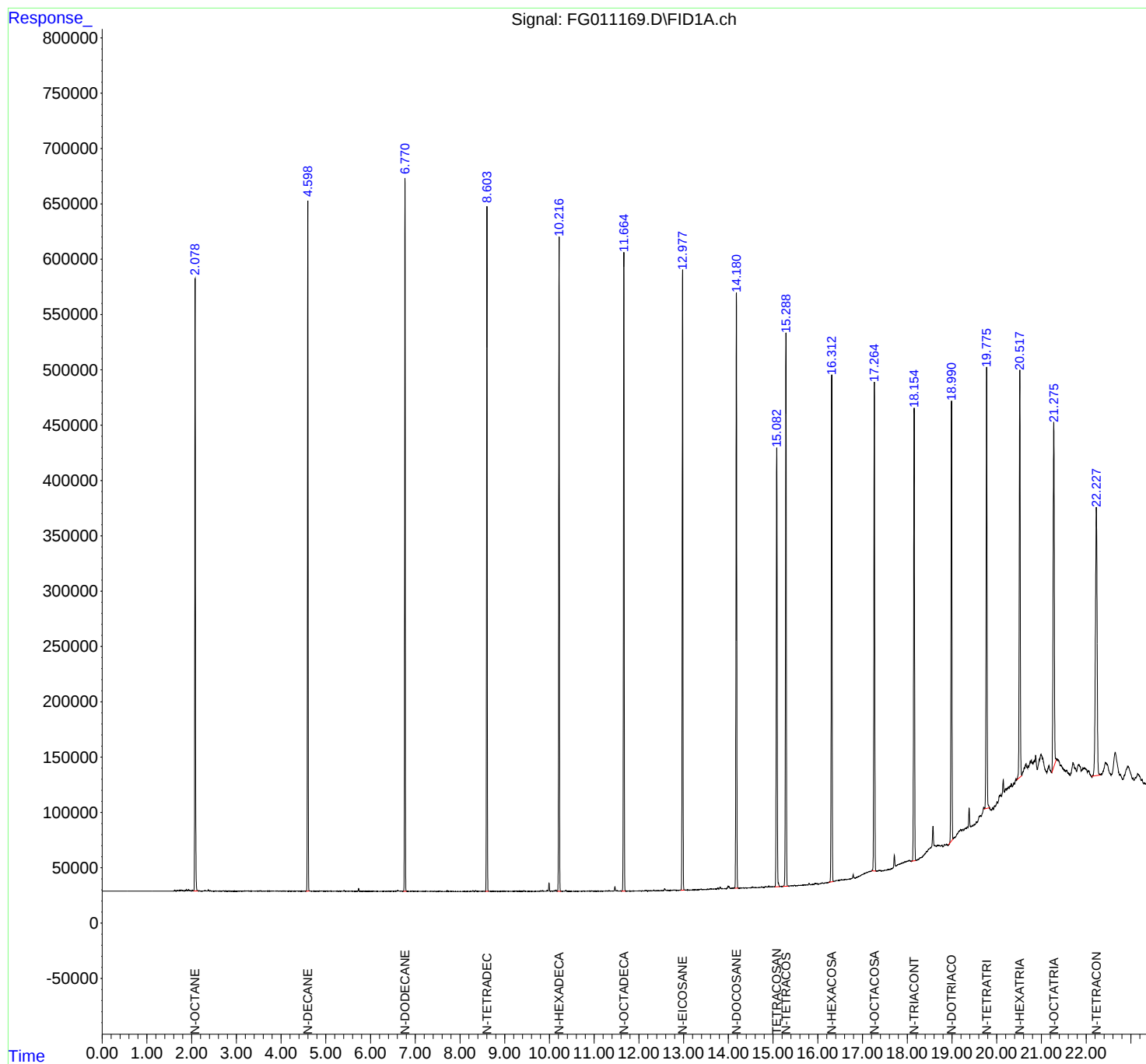
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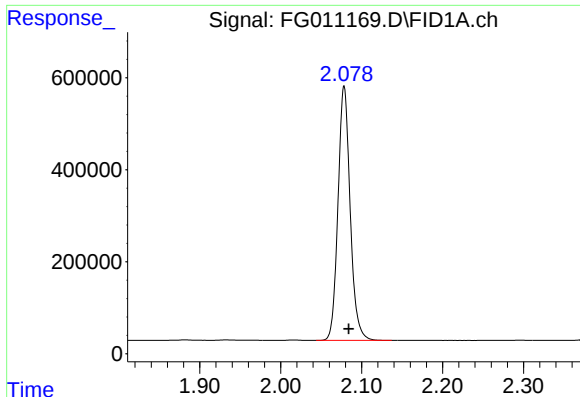
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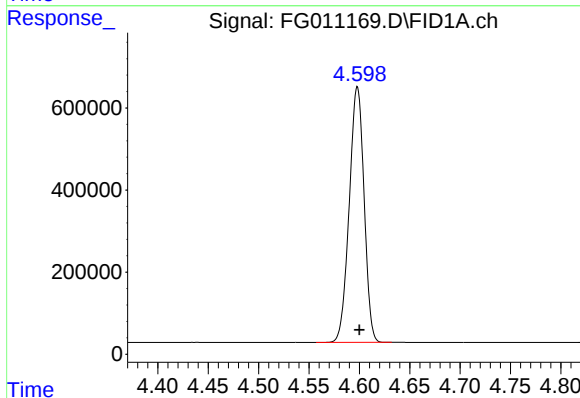
#1 N-OCTANE

R.T.: 2.078 min
Delta R.T.: -0.006 min
Response: 5783016
Conc: 48.25 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

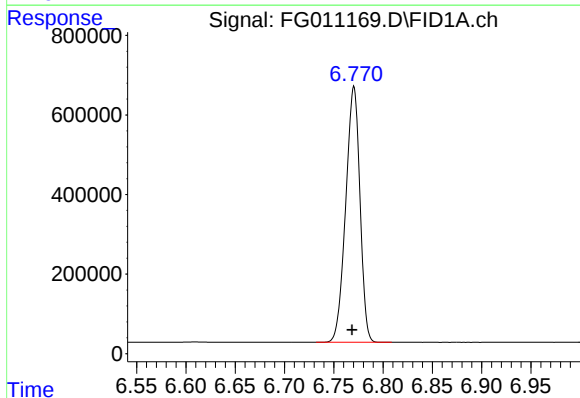
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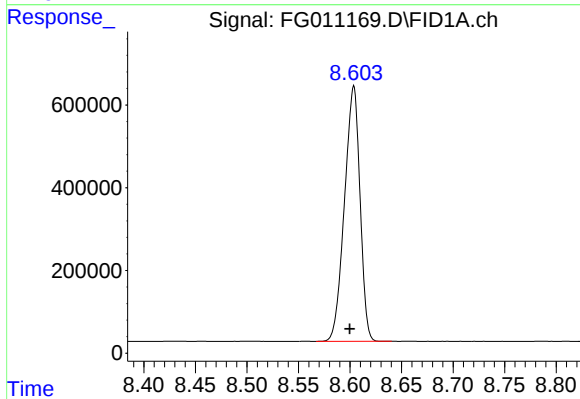
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 6379043
Conc: 51.48 ug/ml



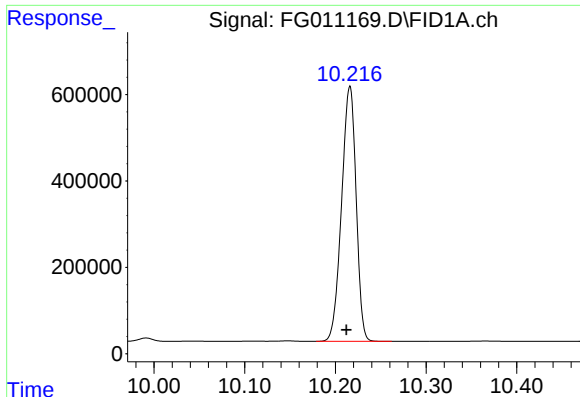
#3 N-DODECANE

R.T.: 6.770 min
Delta R.T.: 0.002 min
Response: 6455341
Conc: 51.37 ug/ml



#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: 0.004 min
Response: 6473407
Conc: 51.30 ug/ml



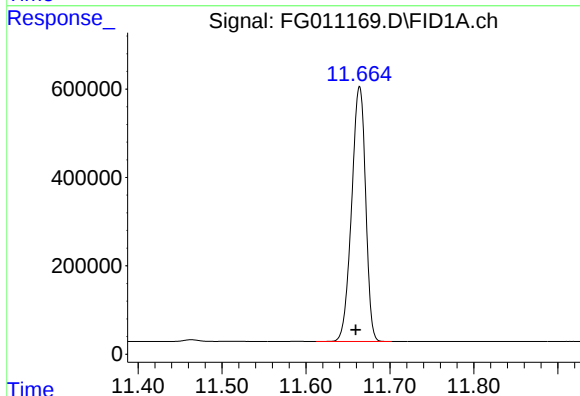
#5 N-HEXADECANE

R.T.: 10.216 min
Delta R.T.: 0.004 min
Response: 6571654
Conc: 51.45 ug/ml

Instrument :
FID_G
ClientSampleId :
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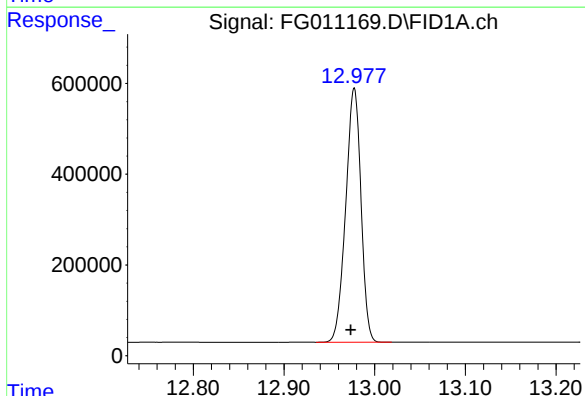
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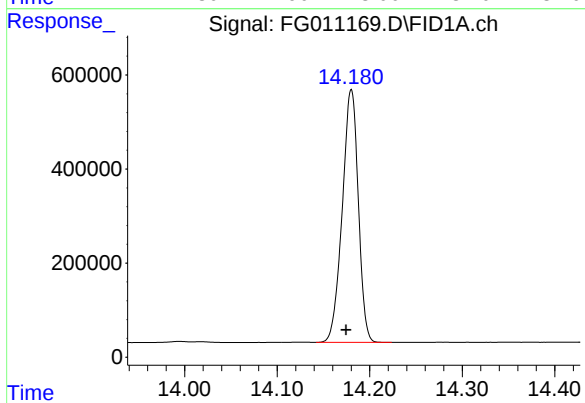
#6 N-OCTADECANE

R.T.: 11.664 min
Delta R.T.: 0.005 min
Response: 6671382
Conc: 51.70 ug/ml



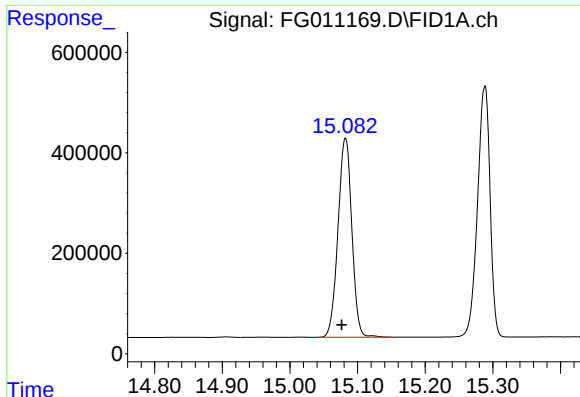
#7 N-EICOSANE

R.T.: 12.977 min
Delta R.T.: 0.004 min
Response: 6551664
Conc: 51.73 ug/ml



#8 N-DOCOSANE

R.T.: 14.180 min
Delta R.T.: 0.006 min
Response: 6472215
Conc: 51.53 ug/ml



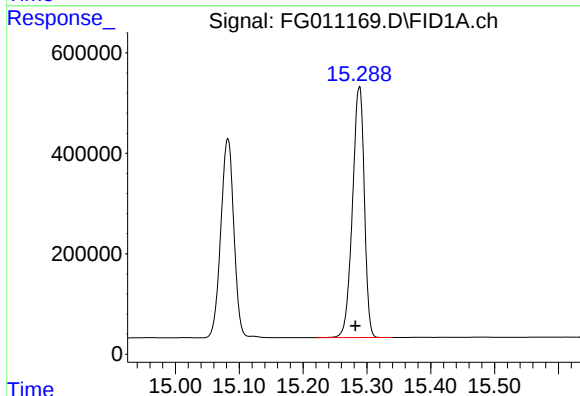
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.082 min
Delta R.T.: 0.005 min
Response: 5636766
Conc: 51.49 ug/ml

Instrument :
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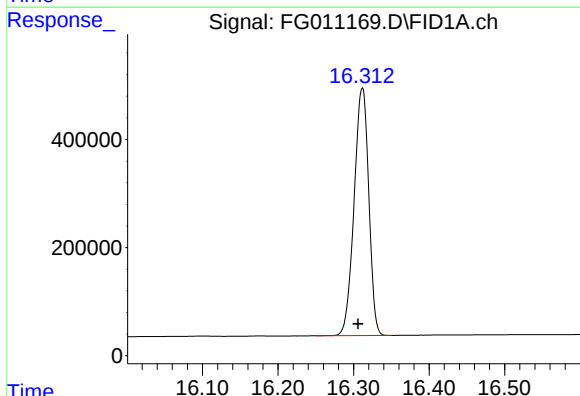
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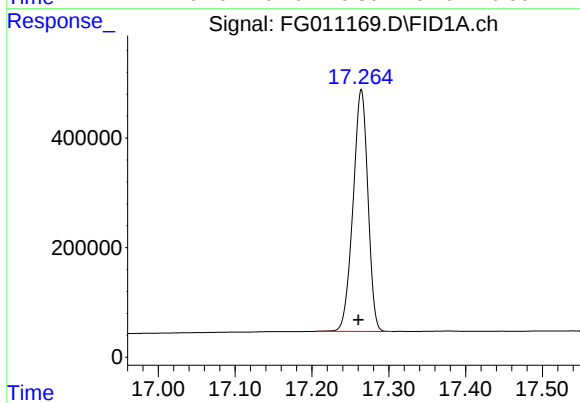
#10 N-TETRACOSANE

R.T.: 15.288 min
Delta R.T.: 0.006 min
Response: 6451996
Conc: 51.50 ug/ml



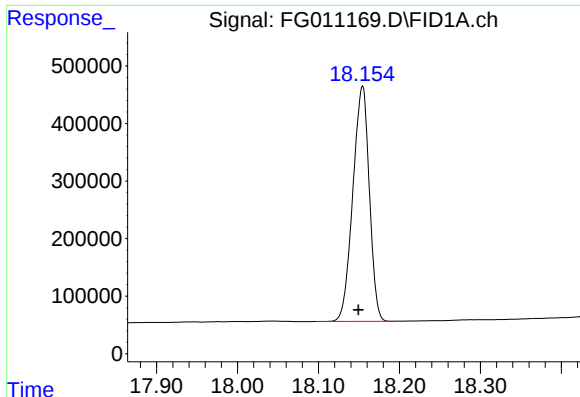
#11 N-HEXACOSANE

R.T.: 16.312 min
Delta R.T.: 0.006 min
Response: 6173881
Conc: 50.01 ug/ml



#12 N-OCTACOSANE

R.T.: 17.264 min
Delta R.T.: 0.004 min
Response: 5930949
Conc: 49.49 ug/ml



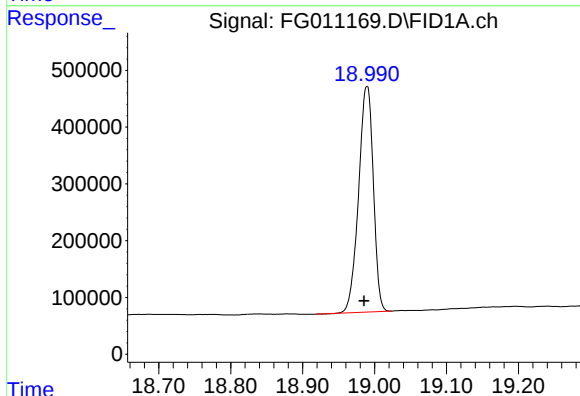
#13 N-TRIACONTANE

R.T.: 18.154 min
Delta R.T.: 0.005 min
Response: 5775922
Conc: 49.15 ug/ml

Instrument :
FID_G
ClientSampleId :
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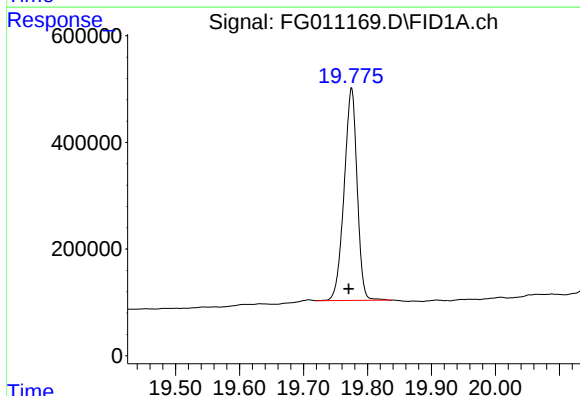
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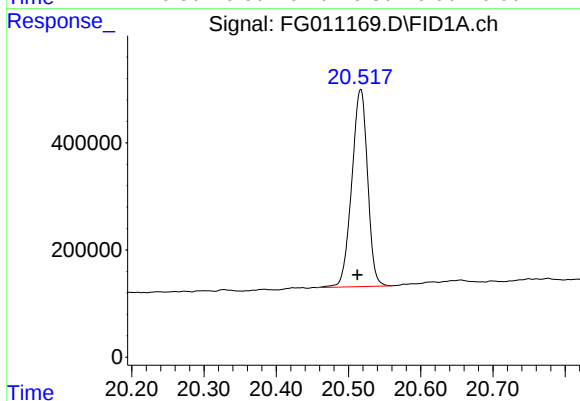
#14 N-DOTRIACONTANE

R.T.: 18.990 min
Delta R.T.: 0.004 min
Response: 5654913
Conc: 50.16 ug/ml



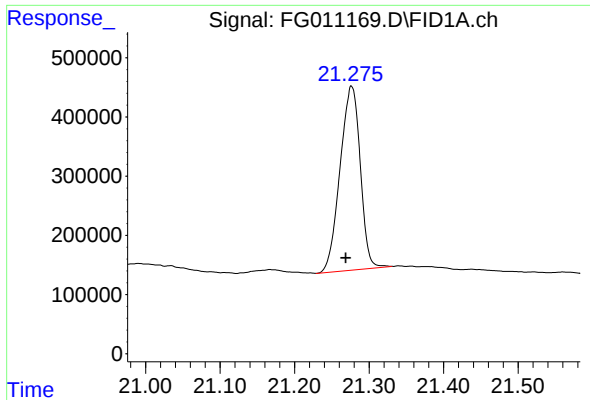
#15 N-TETRATRIACONTANE

R.T.: 19.775 min
Delta R.T.: 0.004 min
Response: 5630811
Conc: 52.96 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.517 min
Delta R.T.: 0.005 min
Response: 5597489
Conc: 56.18 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 21.275 min
Delta R.T.: 0.007 min
Response: 5855532
Conc: 58.68 ug/ml

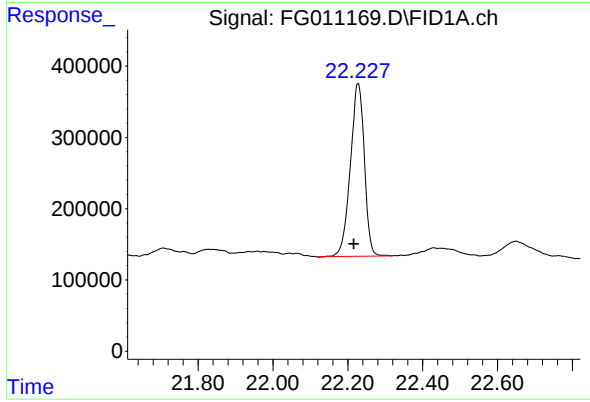
Instrument :

FID_G

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#18 N-TETRACONTANE

R.T.: 22.227 min
Delta R.T.: 0.011 min
Response: 6280846
Conc: 61.58 ug/ml