

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120621\
 Data File : FG009164.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2021 11:12
 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 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 00:06:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112321.M
 Quant Title :
 QLast Update : Wed Nov 24 00:59:46 2021
 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...	14.760	5280418	45.278 ug/ml
Target Compounds			
1) N-OCTANE	2.329	7223024	49.347 ug/ml
2) N-DECANE	4.434	7282136	49.163 ug/ml
3) N-DODECANE	6.466	7224742	48.807 ug/ml
4) N-TETRADECANE	8.273	7075902	48.904 ug/ml
5) N-HEXADECANE	9.882	6853578	48.471 ug/ml
6) N-OCTADECANE	11.332	6796027	46.866 ug/ml
7) N-EICOSANE	12.649	6575349	45.962 ug/ml
8) N-DOCOSANE	13.854	6239890	45.478 ug/ml
10) N-TETRACOSANE	14.965	5976765	45.414 ug/ml
11) N-HEXACOSANE	15.992	5662005	46.214 ug/ml
12) N-OCTACOSANE	16.946	5438850	47.702 ug/ml
13) N-TRIACONTANE	17.839	5333011	49.299 ug/ml
14) N-DOTRIACONTANE	18.675	5223881	50.809 ug/ml
15) N-TETRATRIACONTANE	19.464	5080001	51.364 ug/ml
16) N-HEXATRIACONTANE	20.206	4950678	52.679 ug/mlm
17) N-OCTATRIACONTANE	20.968	4684755	50.519 ug/mlm
18) N-TETRACONTANE	21.918	4534726	46.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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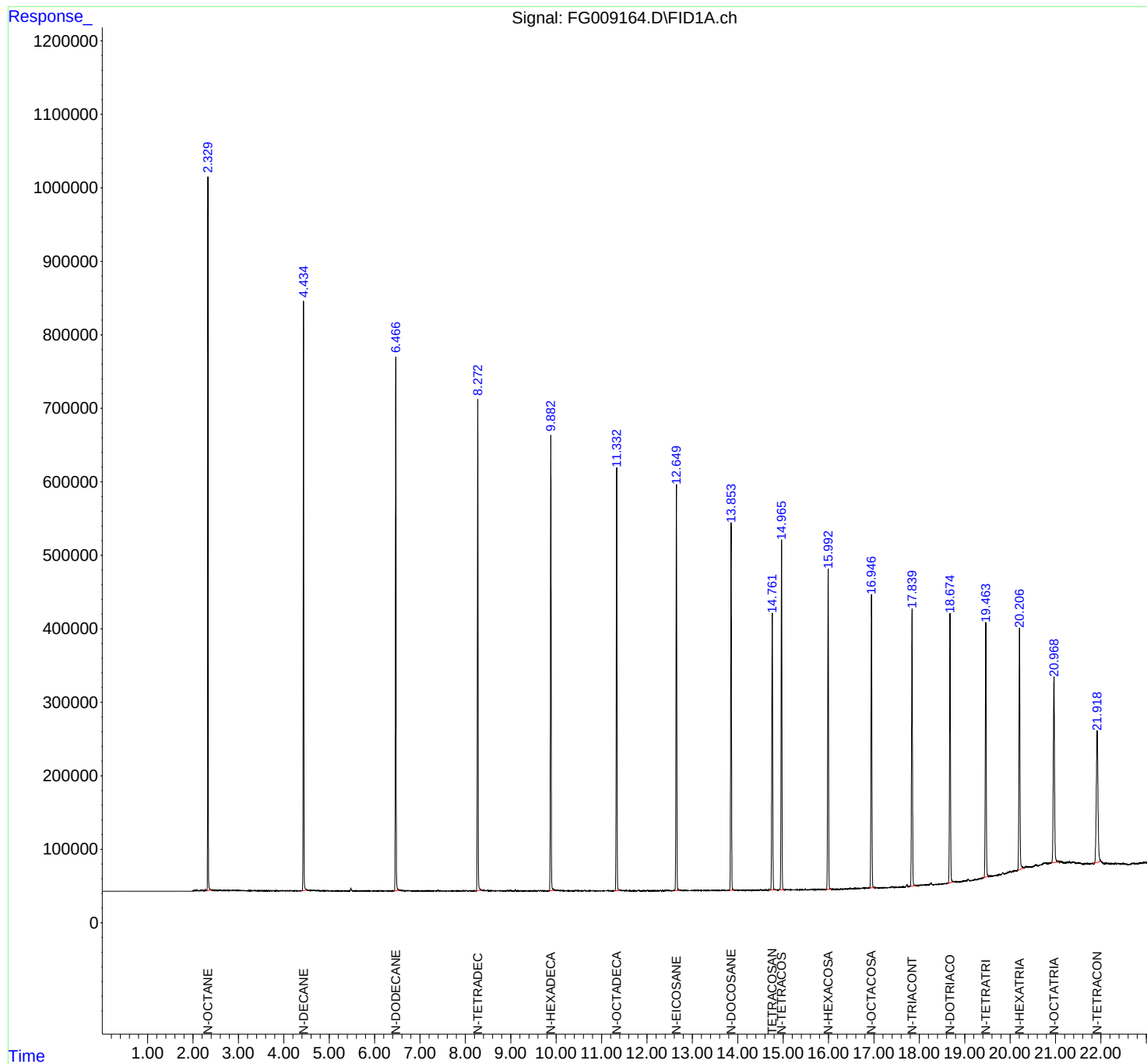
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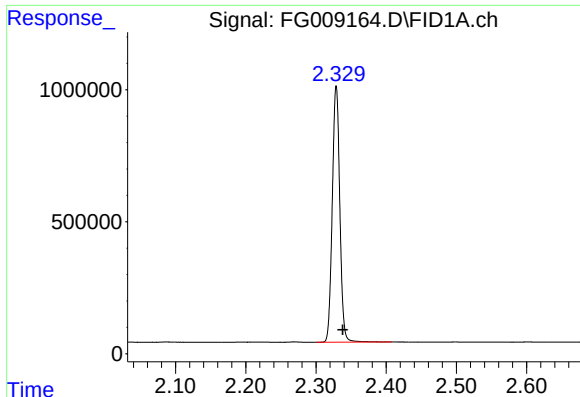
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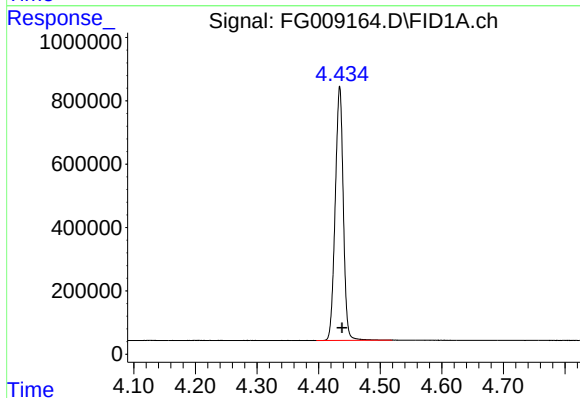
#1 N-OCTANE

R.T.: 2.329 min
Delta R.T.: -0.009 min
Response: 7223024
Conc: 49.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

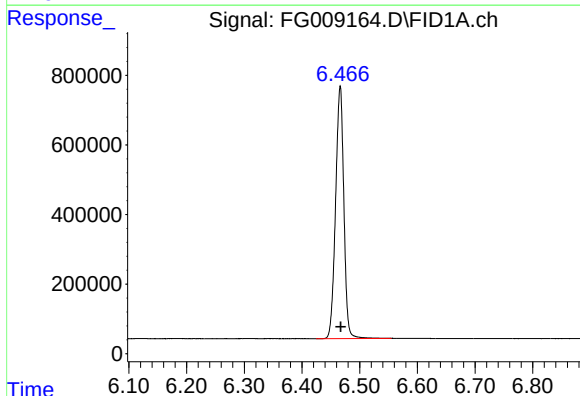
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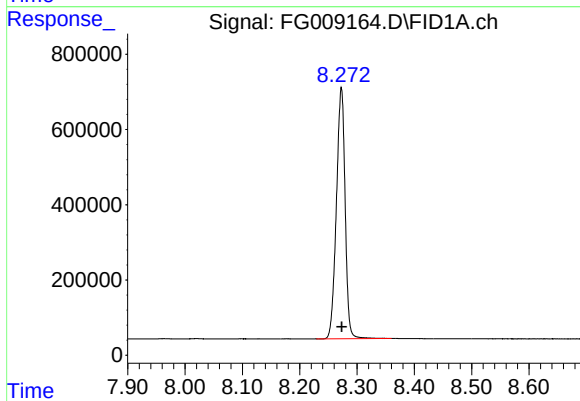
#2 N-DECANE

R.T.: 4.434 min
Delta R.T.: -0.004 min
Response: 7282136
Conc: 49.16 ug/ml



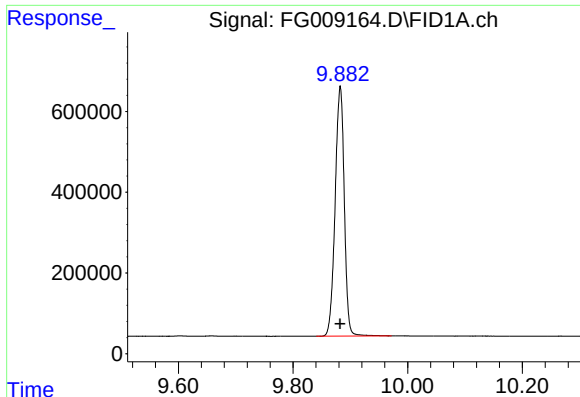
#3 N-DODECANE

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 7224742
Conc: 48.81 ug/ml



#4 N-TETRADECANE

R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 7075902
Conc: 48.90 ug/ml



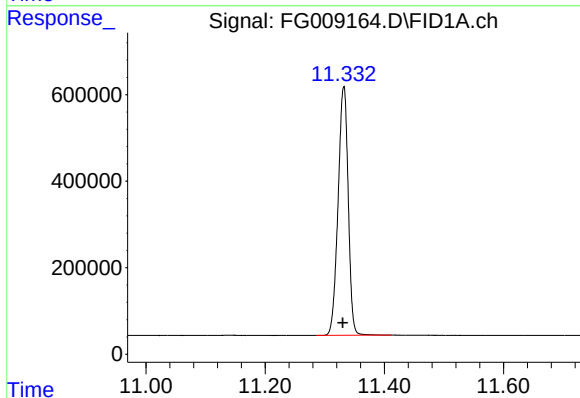
#5 N-HEXADECANE

R.T.: 9.882 min
Delta R.T.: 0.000 min
Response: 6853578
Conc: 48.47 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

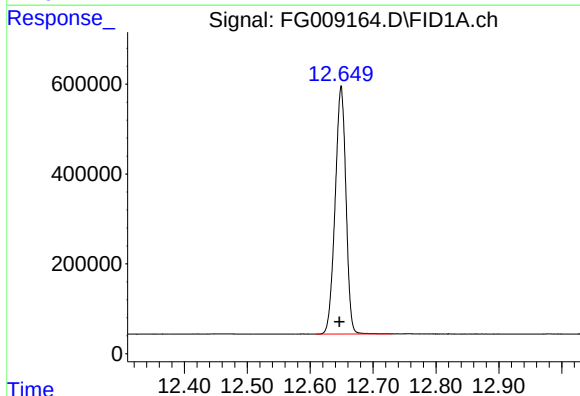
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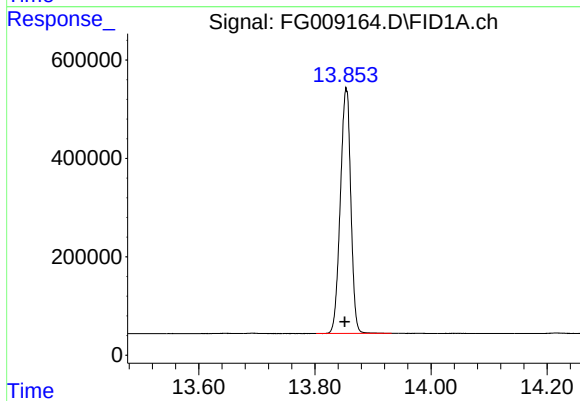
#6 N-OCTADECANE

R.T.: 11.332 min
Delta R.T.: 0.002 min
Response: 6796027
Conc: 46.87 ug/ml



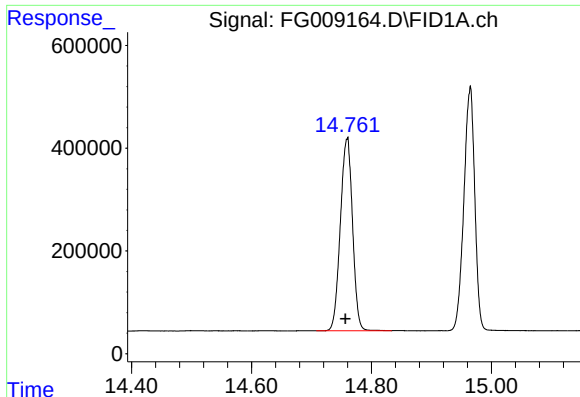
#7 N-EICOSANE

R.T.: 12.649 min
Delta R.T.: 0.003 min
Response: 6575349
Conc: 45.96 ug/ml



#8 N-DOCOSANE

R.T.: 13.854 min
Delta R.T.: 0.003 min
Response: 6239890
Conc: 45.48 ug/ml



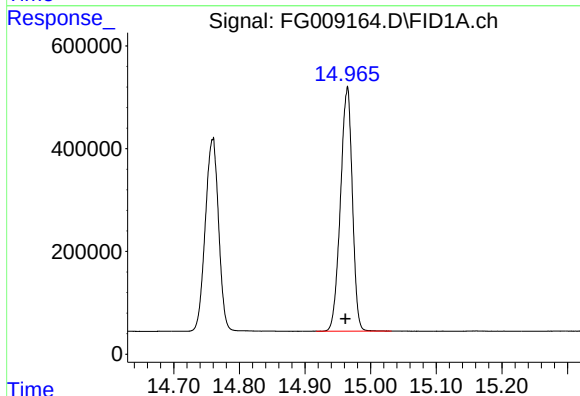
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.760 min
Delta R.T.: 0.004 min
Response: 5280418
Conc: 45.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

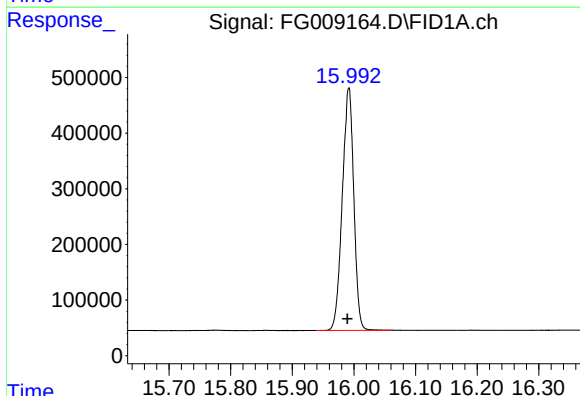
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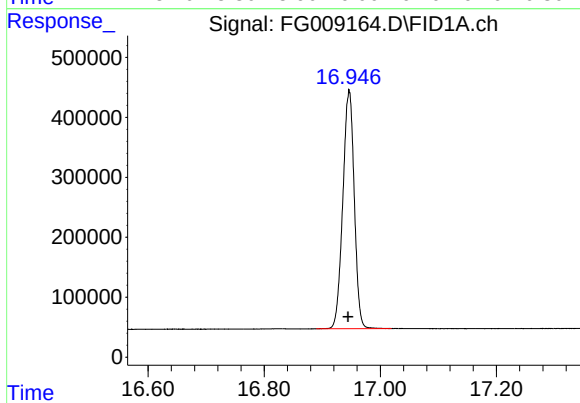
#10 N-TETRACOSANE

R.T.: 14.965 min
Delta R.T.: 0.003 min
Response: 5976765
Conc: 45.41 ug/ml



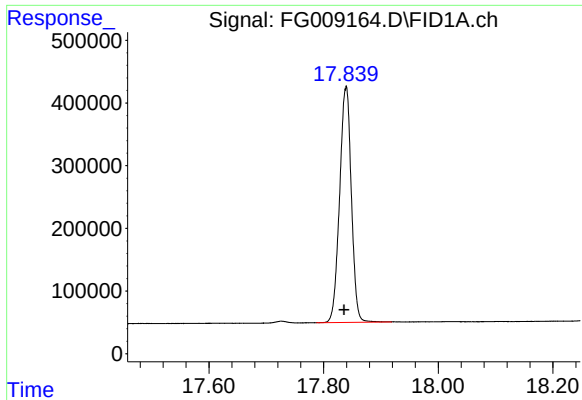
#11 N-HEXACOSANE

R.T.: 15.992 min
Delta R.T.: 0.002 min
Response: 5662005
Conc: 46.21 ug/ml



#12 N-OCTACOSANE

R.T.: 16.946 min
Delta R.T.: 0.002 min
Response: 5438850
Conc: 47.70 ug/ml



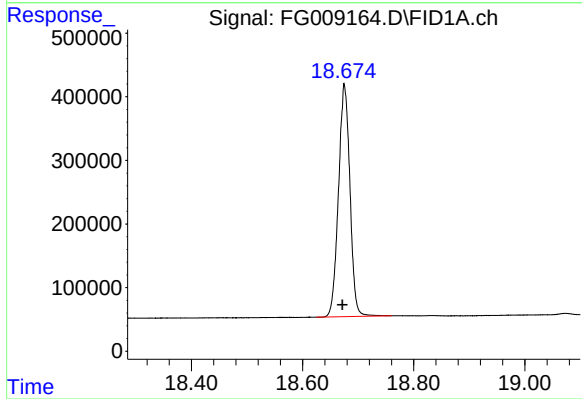
#13 N-TRIACONTANE

R.T.: 17.839 min
Delta R.T.: 0.004 min
Response: 5333011
Conc: 49.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

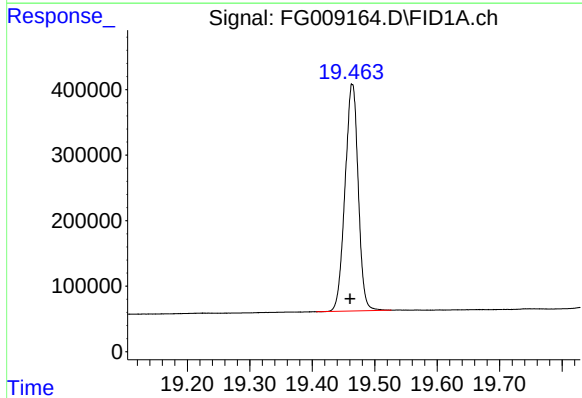
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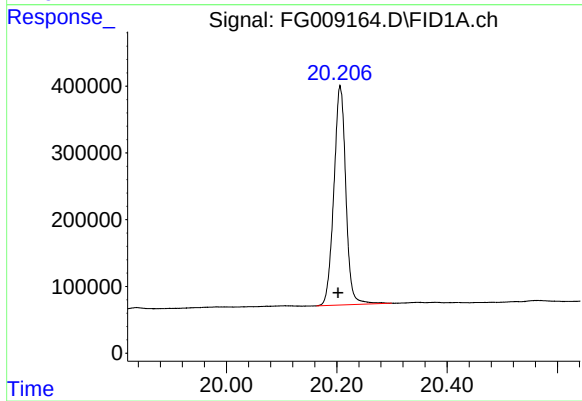
#14 N-DOTRIACONTANE

R.T.: 18.675 min
Delta R.T.: 0.004 min
Response: 5223881
Conc: 50.81 ug/ml



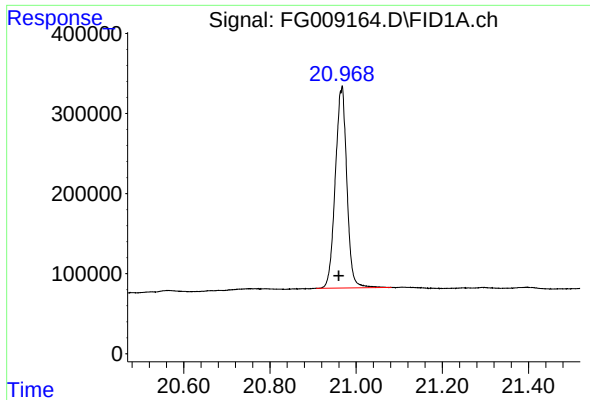
#15 N-TETRATRIACONTANE

R.T.: 19.464 min
Delta R.T.: 0.004 min
Response: 5080001
Conc: 51.36 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.206 min
Delta R.T.: 0.003 min
Response: 4950678
Conc: 52.68 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.968 min
Delta R.T.: 0.008 min
Response: 4684755
Conc: 50.52 ug/ml

Instrument :

FID_G

ClientSampleId :

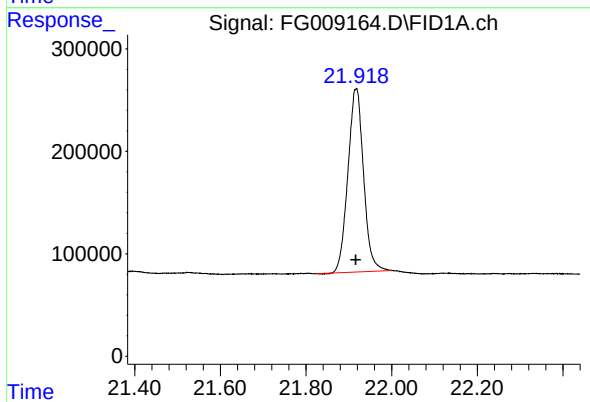
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#18 N-TETRACONTANE

R.T.: 21.918 min
Delta R.T.: 0.001 min
Response: 4534726
Conc: 46.08 ug/ml