

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120121\
 Data File : FG009126.D
 Signal(s) : FID1A.ch
 Acq On : 01 Dec 2021 20:45
 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 12/02/2021
 Supervised By :mohammad ahmed 12/02/2021

Integration File: Sample.e
 Quant Time: Dec 02 00:10:36 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...	14.763	5294129	45.395 ug/ml
Target Compounds			
1) N-OCTANE	2.334	7068900	48.294 ug/ml
2) N-DECANE	4.440	7186589	48.518 ug/ml
3) N-DODECANE	6.471	7161357	48.379 ug/ml
4) N-TETRADECANE	8.276	7029564	48.584 ug/ml
5) N-HEXADECANE	9.884	6819109	48.227 ug/ml
6) N-OCTADECANE	11.335	6798548	46.883 ug/ml
7) N-EICOSANE	12.652	6592490	46.082 ug/ml
8) N-DOCOSANE	13.858	6256818	45.601 ug/ml
10) N-TETRACOSANE	14.967	5998983	45.583 ug/ml
11) N-HEXACOSANE	15.993	5682453	46.381 ug/ml
12) N-OCTACOSANE	16.949	5450954	47.808 ug/ml
13) N-TRIACONTANE	17.841	5354908	49.501 ug/ml
14) N-DOTRIACONTANE	18.677	5417733	52.694 ug/ml
15) N-TETRATRIACONTANE	19.465	5534120	55.956 ug/ml
16) N-HEXATRIACONTANE	20.207	5144724	54.744 ug/mlm
17) N-OCTATRIACONTANE	20.968	5047985	54.435 ug/mlm
18) N-TETRACONTANE	21.922	5153304	52.364 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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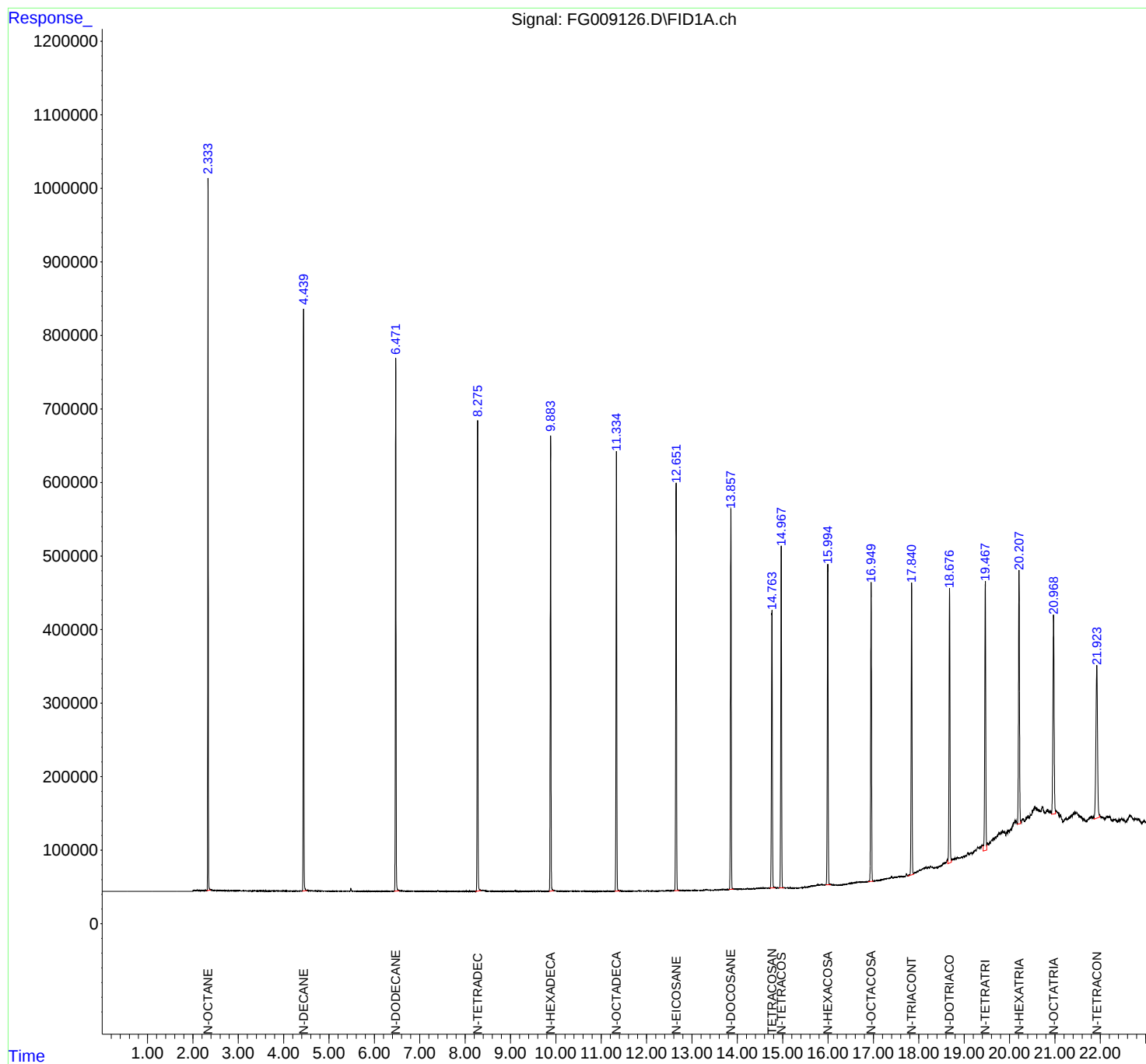
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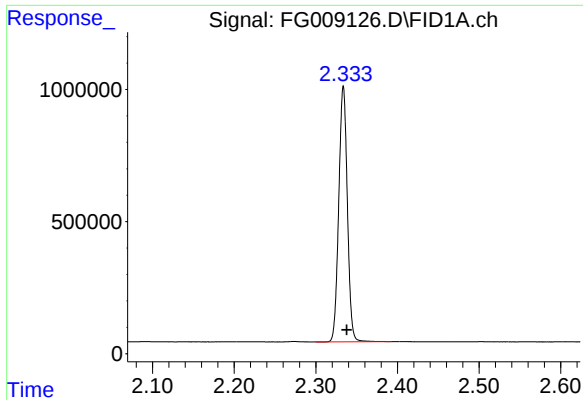
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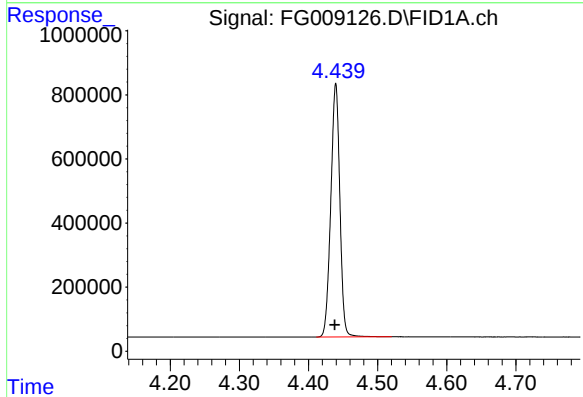
#1 N-OCTANE

R.T.: 2.334 min
Delta R.T.: -0.004 min
Response: 7068900
Conc: 48.29 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

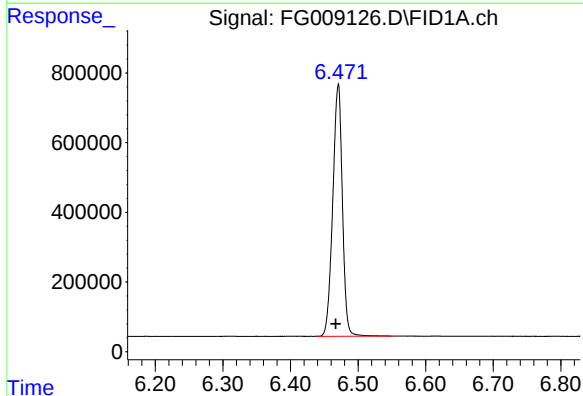
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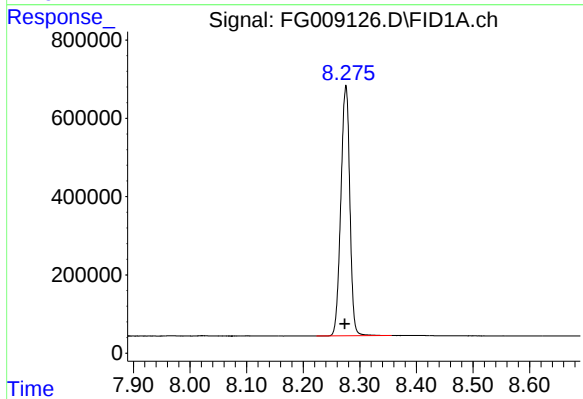
#2 N-DECANE

R.T.: 4.440 min
Delta R.T.: 0.002 min
Response: 7186589
Conc: 48.52 ug/ml



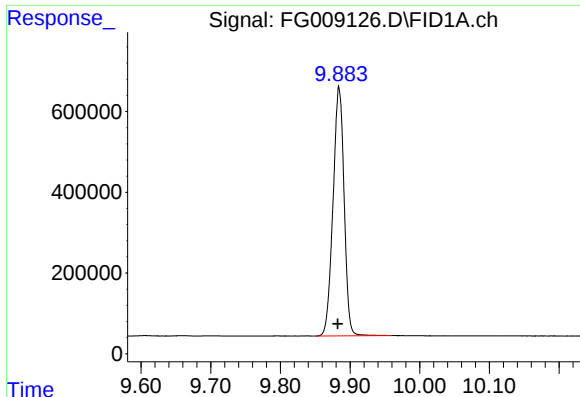
#3 N-DODECANE

R.T.: 6.471 min
Delta R.T.: 0.004 min
Response: 7161357
Conc: 48.38 ug/ml



#4 N-TETRADECANE

R.T.: 8.276 min
Delta R.T.: 0.002 min
Response: 7029564
Conc: 48.58 ug/ml



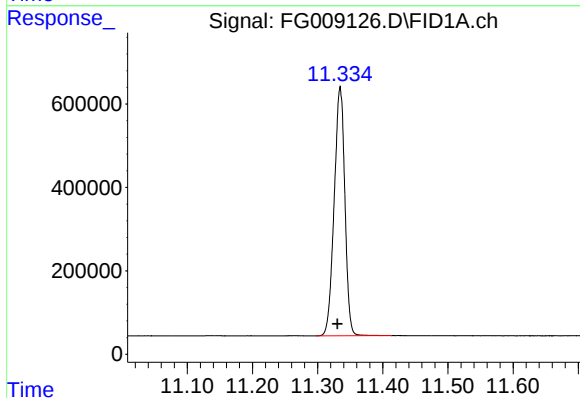
#5 N-HEXADECANE

R.T.: 9.884 min
Delta R.T.: 0.002 min
Response: 6819109
Conc: 48.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

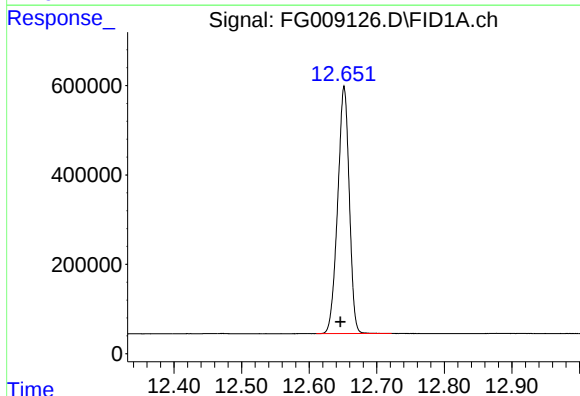
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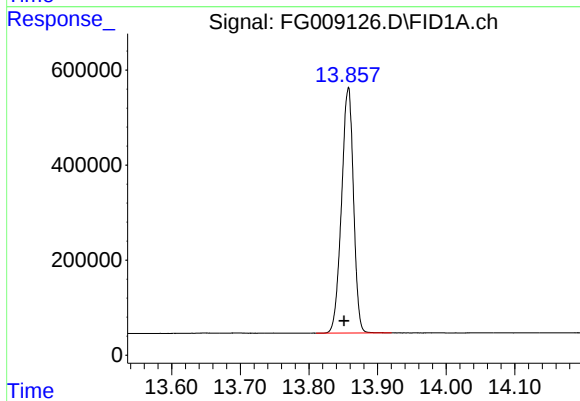
#6 N-OCTADECANE

R.T.: 11.335 min
Delta R.T.: 0.004 min
Response: 6798548
Conc: 46.88 ug/ml



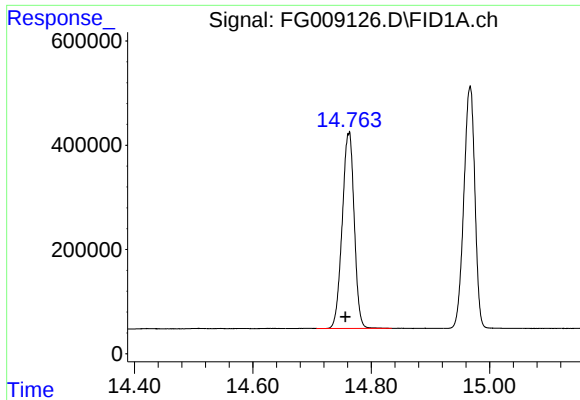
#7 N-EICOSANE

R.T.: 12.652 min
Delta R.T.: 0.005 min
Response: 6592490
Conc: 46.08 ug/ml



#8 N-DOCOSANE

R.T.: 13.858 min
Delta R.T.: 0.007 min
Response: 6256818
Conc: 45.60 ug/ml



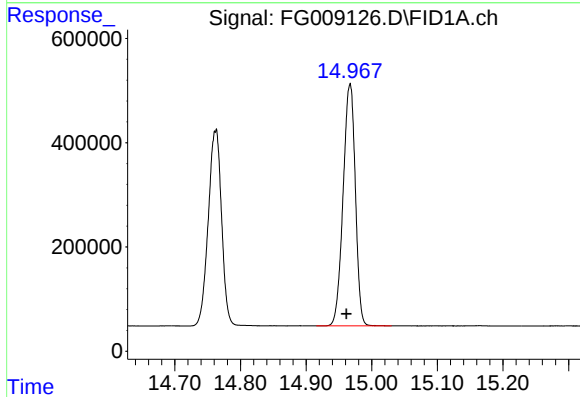
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.763 min
Delta R.T.: 0.007 min
Response: 5294129
Conc: 45.40 ug/ml

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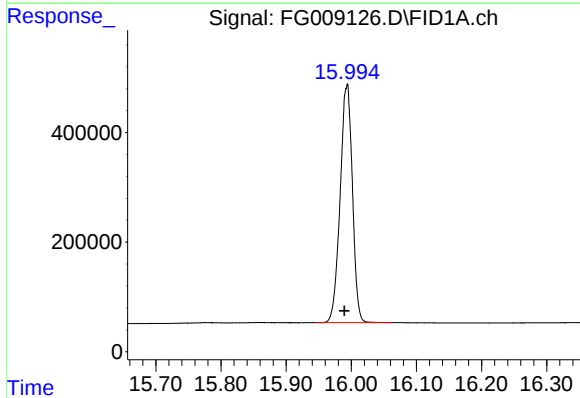
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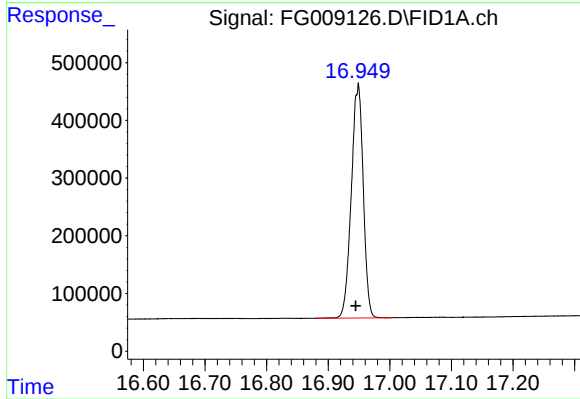
#10 N-TETRACOSANE

R.T.: 14.967 min
Delta R.T.: 0.005 min
Response: 5998983
Conc: 45.58 ug/ml



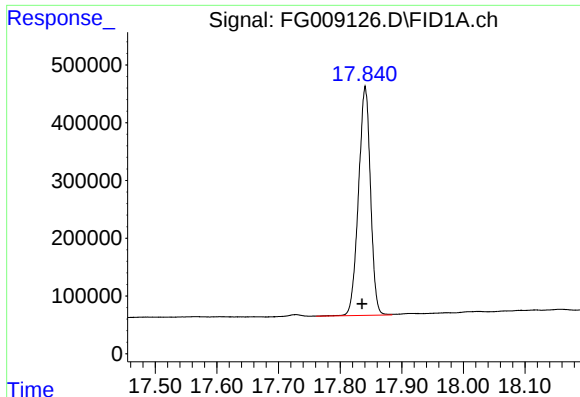
#11 N-HEXACOSANE

R.T.: 15.993 min
Delta R.T.: 0.004 min
Response: 5682453
Conc: 46.38 ug/ml



#12 N-OCTACOSANE

R.T.: 16.949 min
Delta R.T.: 0.004 min
Response: 5450954
Conc: 47.81 ug/ml



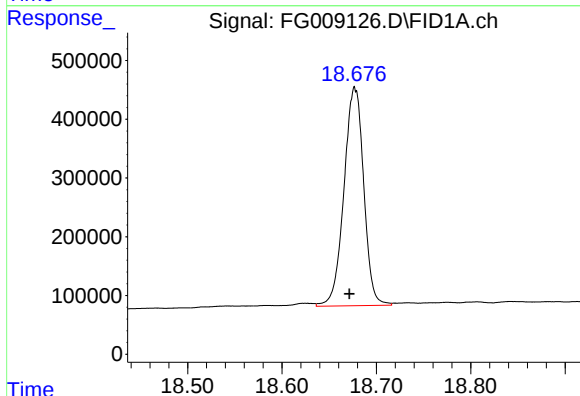
#13 N-TRIACONTANE

R.T.: 17.841 min
Delta R.T.: 0.005 min
Response: 5354908
Conc: 49.50 ug/ml

Instrument :
FID_G
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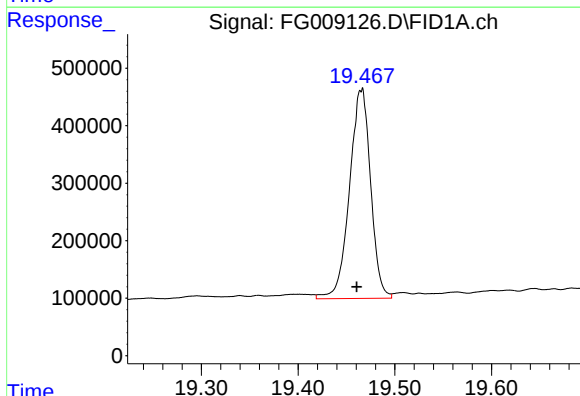
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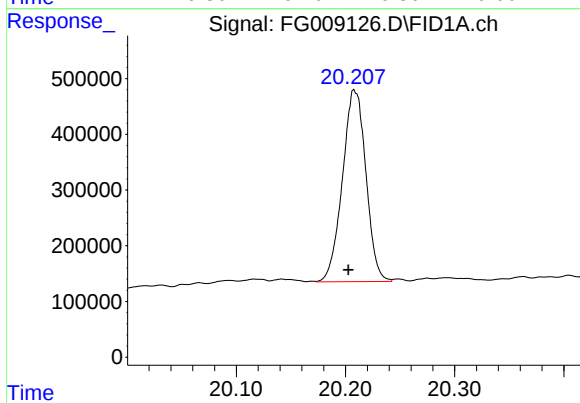
#14 N-DOTRIACONTANE

R.T.: 18.677 min
Delta R.T.: 0.006 min
Response: 5417733
Conc: 52.69 ug/ml



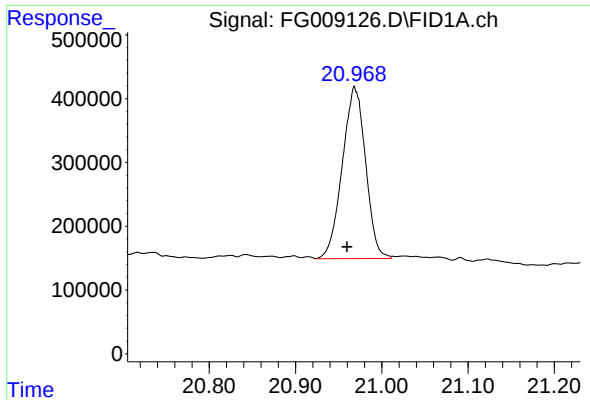
#15 N-TETRATRIACONTANE

R.T.: 19.465 min
Delta R.T.: 0.005 min
Response: 5534120
Conc: 55.96 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.207 min
Delta R.T.: 0.005 min
Response: 5144724
Conc: 54.74 ug/ml m



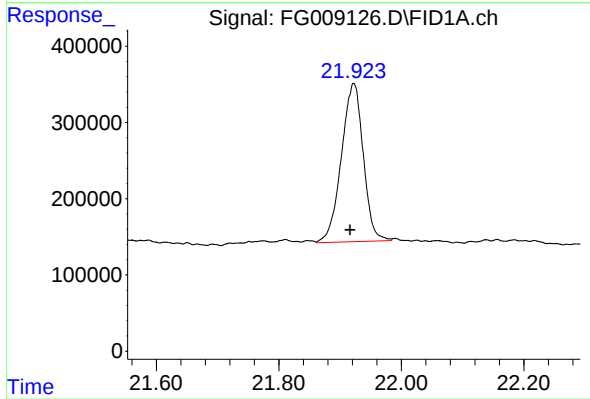
#17 N-OCTATRIACONTANE

R.T.: 20.968 min
Delta R.T.: 0.008 min
Response: 5047985
Conc: 54.44 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.922 min
Delta R.T.: 0.006 min
Response: 5153304
Conc: 52.36 ug/ml