

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120221\
 Data File : FG009135.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2021 14:31
 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 12/03/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: autoint1.e
 Quant Time: Dec 03 00:01:47 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	5558877	47.665 ug/ml
Target Compounds			
1) N-OCTANE	2.333	7347488	50.197 ug/ml
2) N-DECANE	4.438	7550313	50.973 ug/ml
3) N-DODECANE	6.469	7558079	51.059 ug/ml
4) N-TETRADECANE	8.275	7427655	51.335 ug/ml
5) N-HEXADECANE	9.883	7200570	50.925 ug/ml
6) N-OCTADECANE	11.333	7136106	49.211 ug/ml
7) N-EICOSANE	12.650	6900354	48.234 ug/ml
8) N-DOCOSANE	13.855	6558450	47.800 ug/ml
10) N-TETRACOSANE	14.965	6290451	47.797 ug/ml
11) N-HEXACOSANE	15.992	5959593	48.643 ug/ml
12) N-OCTACOSANE	16.947	5729989	50.256 ug/ml
13) N-TRIACONTANE	17.840	5598447	51.753 ug/ml
14) N-DOTRIACONTANE	18.676	5478957	53.290 ug/ml
15) N-TETRATRIACONTANE	19.465	5419923	54.801 ug/ml
16) N-HEXATRIACONTANE	20.209	5262174	55.993 ug/mlm
17) N-OCTATRIACONTANE	20.969	5137276	55.398 ug/ml
18) N-TETRACONTANE	21.920	5142747	52.257 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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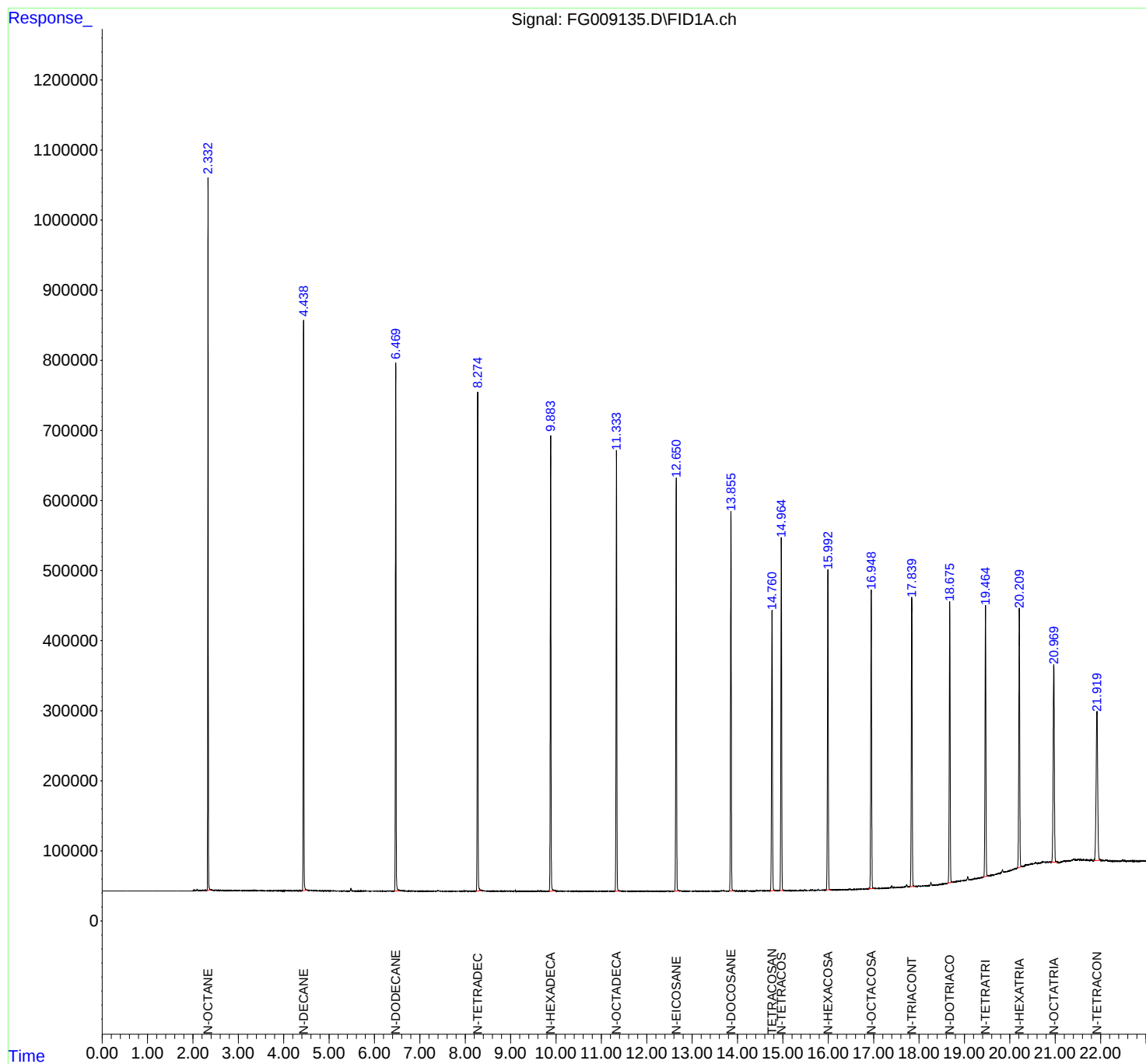
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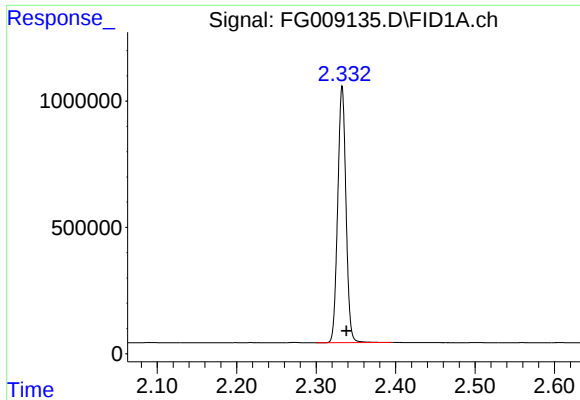
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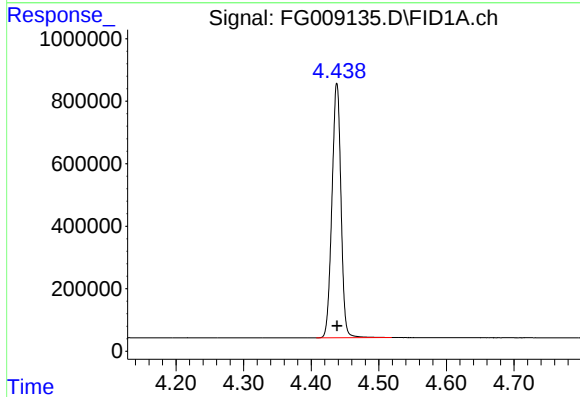
#1 N-OCTANE

R.T.: 2.333 min
Delta R.T.: -0.005 min
Response: 7347488
Conc: 50.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

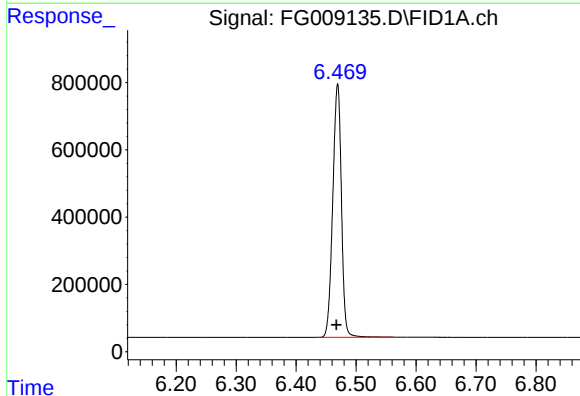
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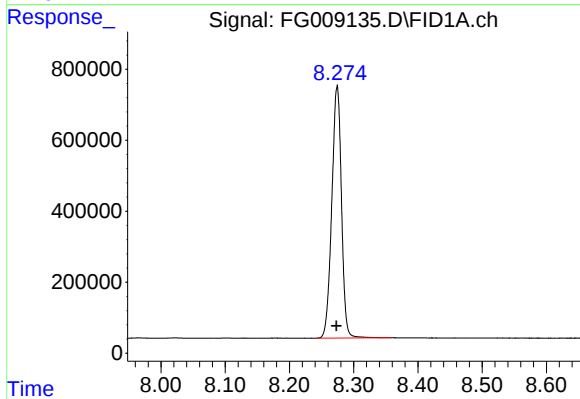
#2 N-DECANE

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 7550313
Conc: 50.97 ug/ml



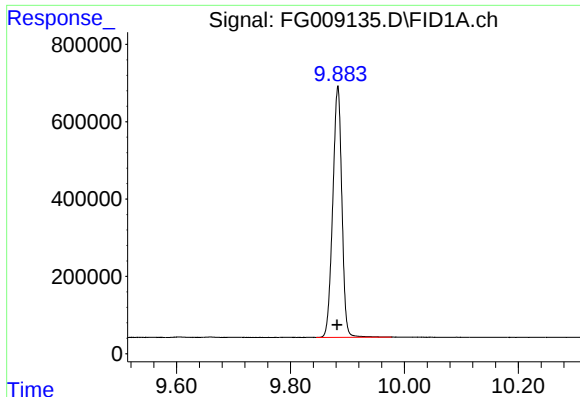
#3 N-DODECANE

R.T.: 6.469 min
Delta R.T.: 0.003 min
Response: 7558079
Conc: 51.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.275 min
Delta R.T.: 0.001 min
Response: 7427655
Conc: 51.34 ug/ml



#5 N-HEXADECANE

R.T.: 9.883 min
Delta R.T.: 0.001 min
Response: 7200570
Conc: 50.93 ug/ml

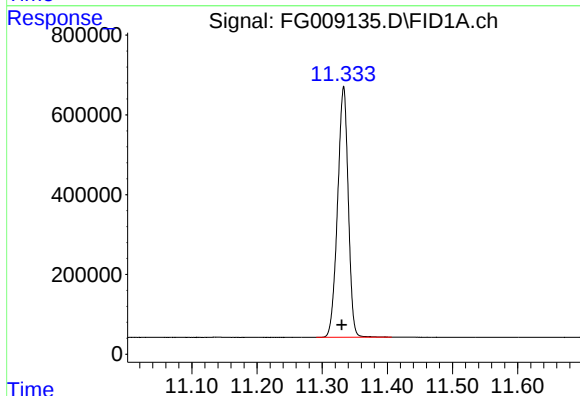
Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD

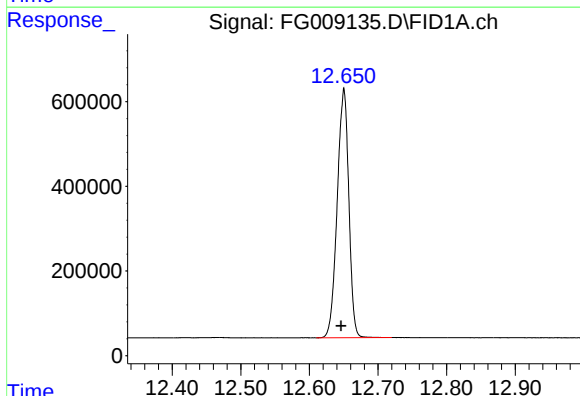
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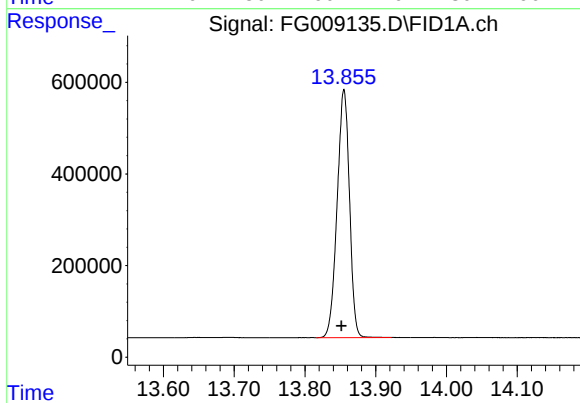
#6 N-OCTADECANE

R.T.: 11.333 min
Delta R.T.: 0.003 min
Response: 7136106
Conc: 49.21 ug/ml



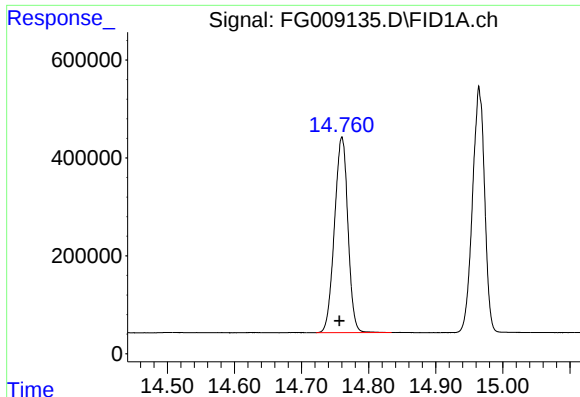
#7 N-EICOSANE

R.T.: 12.650 min
Delta R.T.: 0.004 min
Response: 6900354
Conc: 48.23 ug/ml



#8 N-DOCOSANE

R.T.: 13.855 min
Delta R.T.: 0.004 min
Response: 6558450
Conc: 47.80 ug/ml



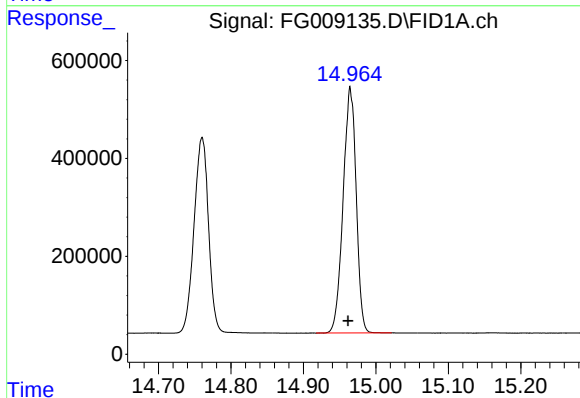
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.760 min
Delta R.T.: 0.004 min
Response: 5558877
Conc: 47.67 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD

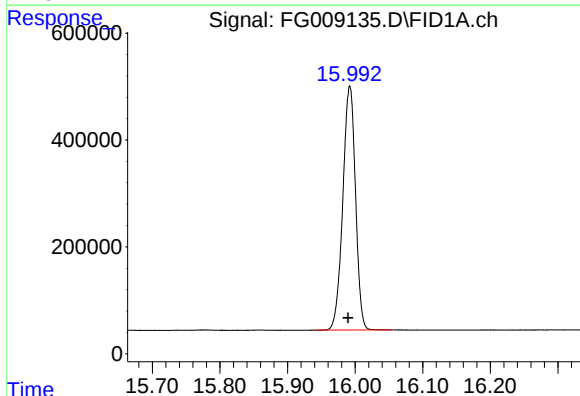
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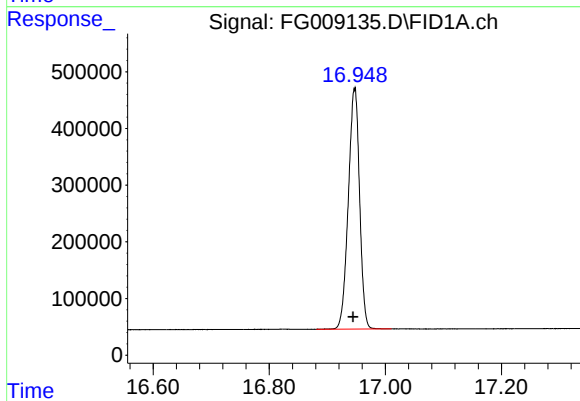
#10 N-TETRACOSANE

R.T.: 14.965 min
Delta R.T.: 0.003 min
Response: 6290451
Conc: 47.80 ug/ml



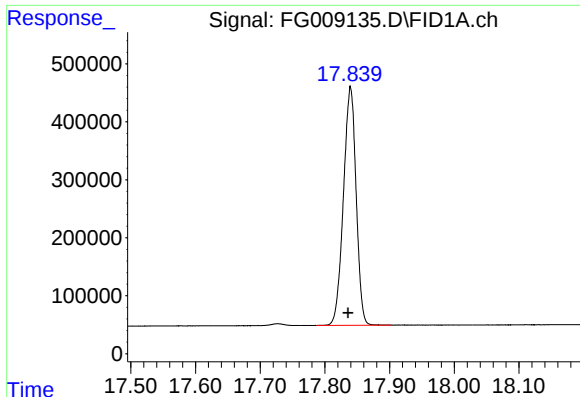
#11 N-HEXACOSANE

R.T.: 15.992 min
Delta R.T.: 0.003 min
Response: 5959593
Conc: 48.64 ug/ml



#12 N-OCTACOSANE

R.T.: 16.947 min
Delta R.T.: 0.003 min
Response: 5729989
Conc: 50.26 ug/ml



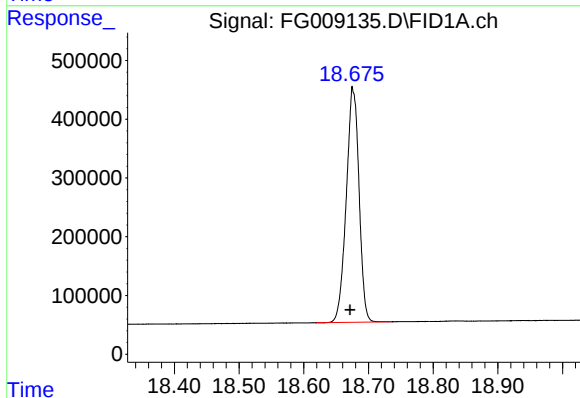
#13 N-TRIACONTANE

R.T.: 17.840 min
Delta R.T.: 0.004 min
Response: 5598447
Conc: 51.75 ug/ml

Instrument :
FID_G
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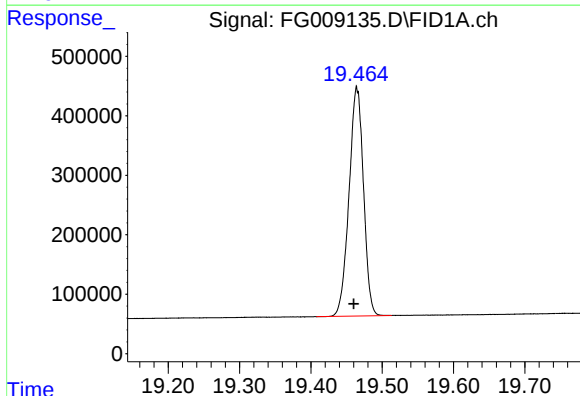
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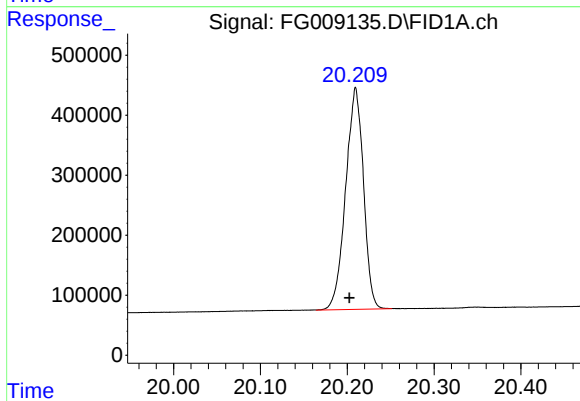
#14 N-DOTRIACONTANE

R.T.: 18.676 min
Delta R.T.: 0.004 min
Response: 5478957
Conc: 53.29 ug/ml



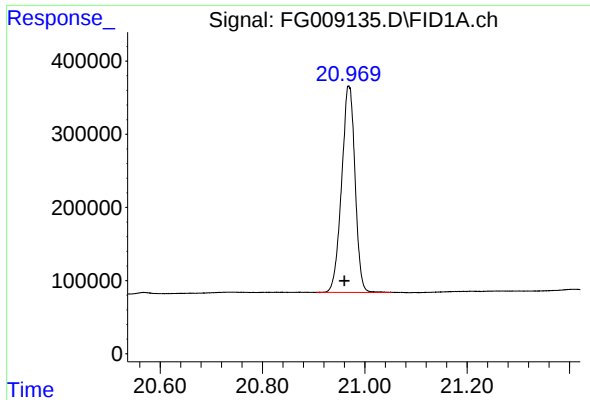
#15 N-TETRATRIACONTANE

R.T.: 19.465 min
Delta R.T.: 0.004 min
Response: 5419923
Conc: 54.80 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.209 min
Delta R.T.: 0.006 min
Response: 5262174
Conc: 55.99 ug/ml m



#17 N-OCTATRIACONTANE

R.T.: 20.969 min
Delta R.T.: 0.009 min
Response: 5137276
Conc: 55.40 ug/ml

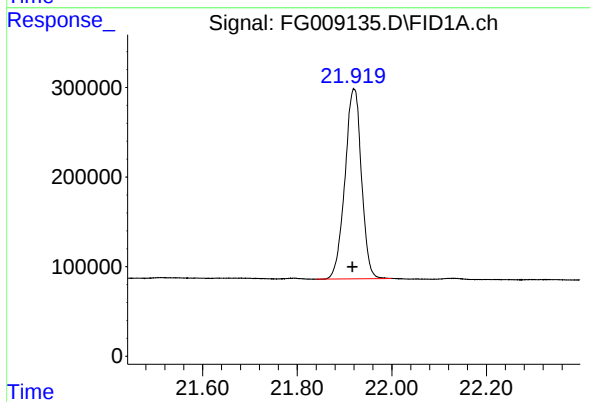
Instrument :

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#18 N-TETRACONTANE

R.T.: 21.920 min
Delta R.T.: 0.004 min
Response: 5142747
Conc: 52.26 ug/ml