

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121621\
 Data File : FG009311.D
 Signal(s) : FID1A.ch
 Acq On : 16 Dec 2021 18:32
 Operator : AJ\MA
 Sample : M5074-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 CS-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: autoint1.e
 Quant Time: Dec 17 00:37:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG121521.M
 Quant Title :
 QLast Update : Thu Dec 16 05:01:34 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...	14.522	2349773	17.013 ug/ml
Target Compounds			
1) N-OCTANE	2.167	2827248	18.770 ug/ml
2) N-DECANE	4.241	3503374	22.794 ug/ml
3) N-DODECANE	6.263	3685945	23.417 ug/ml
4) N-TETRADECANE	8.061	3865047	24.044 ug/ml
5) N-HEXADECANE	9.664	3647357	22.758 ug/ml
6) N-OCTADECANE	11.108	3752012	23.055 ug/ml
7) N-EICOSANE	12.420	3734694	23.004 ug/ml
8) N-DOCOSANE	13.621	3612541	22.688 ug/ml
10) N-TETRACOSANE	14.726	4149684	26.290 ug/ml
11) N-HEXACOSANE	15.749	3383593	21.947 ug/ml
12) N-OCTACOSANE	16.701	3459341	23.118 ug/ml
13) N-TRIACONTANE	17.589	3436505	23.976 ug/ml
14) N-DOTRIACONTANE	18.424	3637020	27.143 ug/ml
15) N-TETRATRIACONTANE	19.207	2490948	19.867 ug/ml
16) N-HEXATRIACONTANE	19.948	1747525	15.123 ug/mlm
17) N-OCTATRIACONTANE	20.664	1584546	14.396 ug/ml
18) N-TETRACONTANE	21.529	1416573	12.876 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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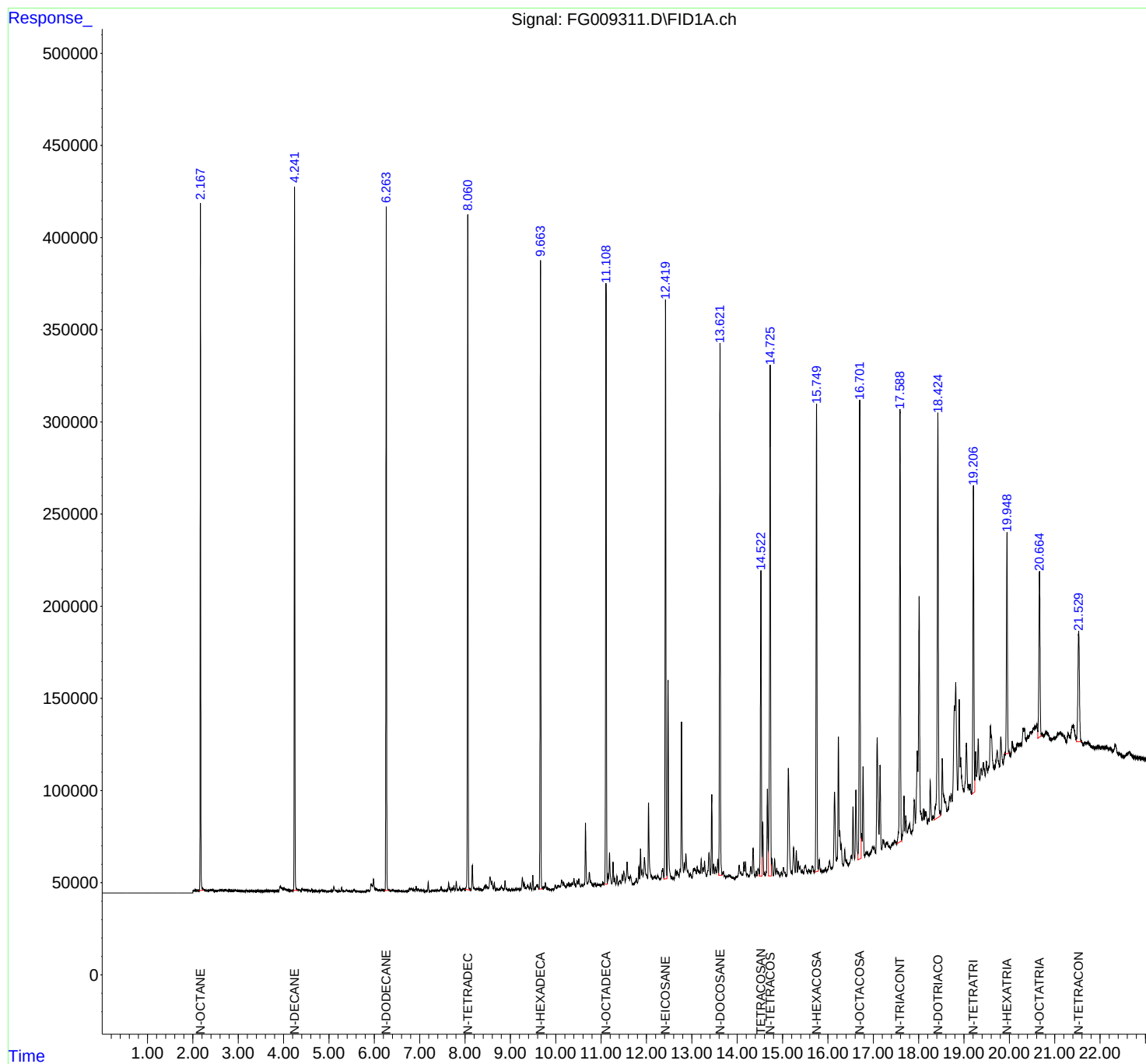
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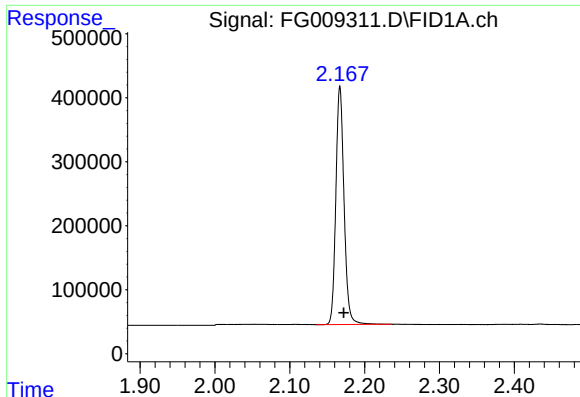
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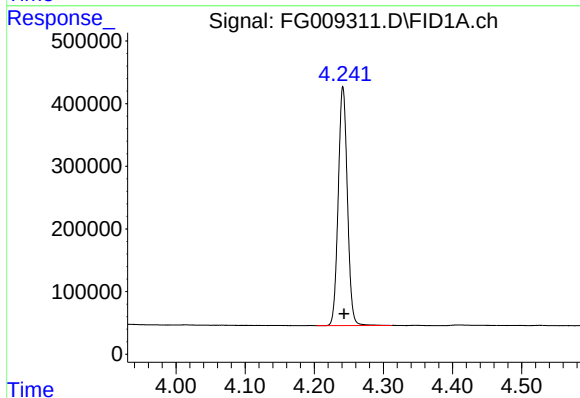
#1 N-OCTANE

R.T.: 2.167 min
Delta R.T.: -0.005 min
Response: 2827248
Conc: 18.77 ug/ml

Instrument :
FID_G
ClientSampleId :
CS-4MSD

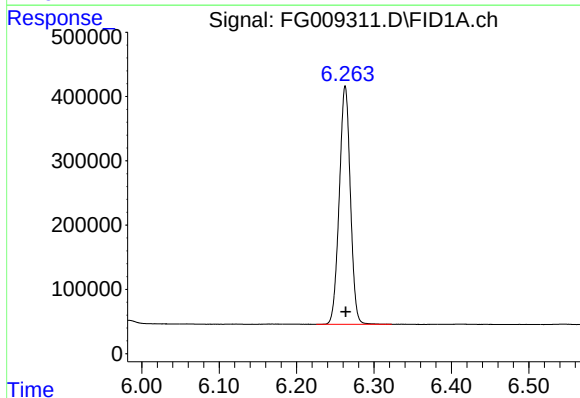
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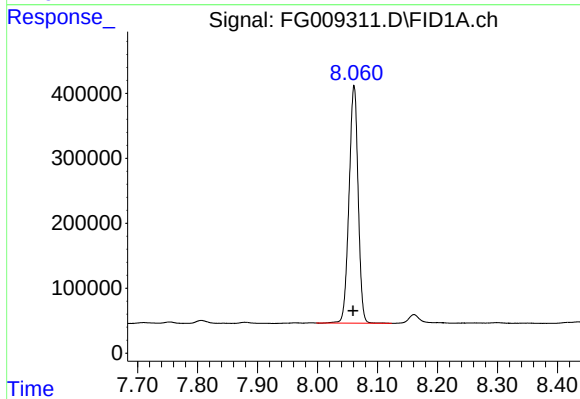
#2 N-DECANE

R.T.: 4.241 min
Delta R.T.: -0.002 min
Response: 3503374
Conc: 22.79 ug/ml



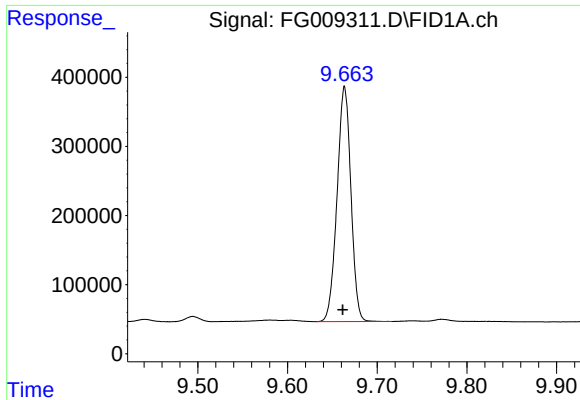
#3 N-DODECANE

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 3685945
Conc: 23.42 ug/ml



#4 N-TETRADECANE

R.T.: 8.061 min
Delta R.T.: 0.002 min
Response: 3865047
Conc: 24.04 ug/ml



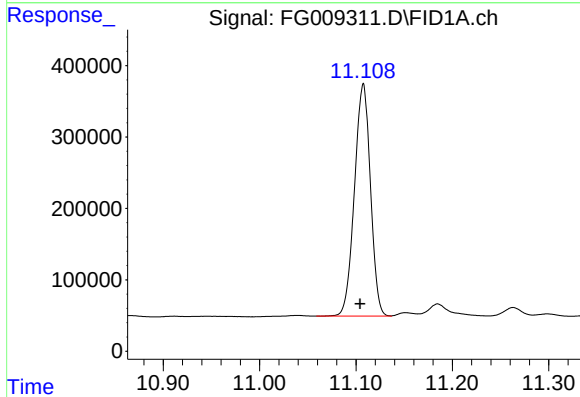
#5 N-HEXADECANE

R.T.: 9.664 min
Delta R.T.: 0.002 min
Response: 3647357
Conc: 22.76 ug/ml

Instrument :
FID_G
ClientSampleId :
CS-4MSD

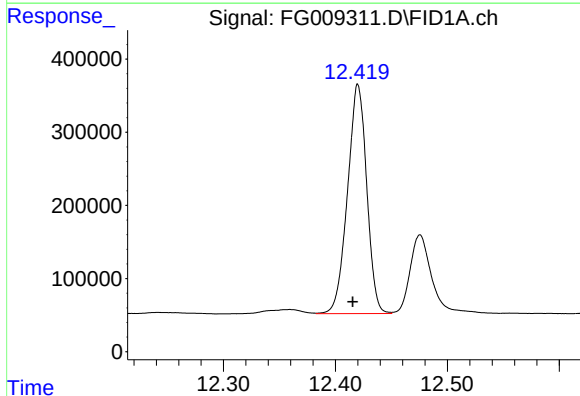
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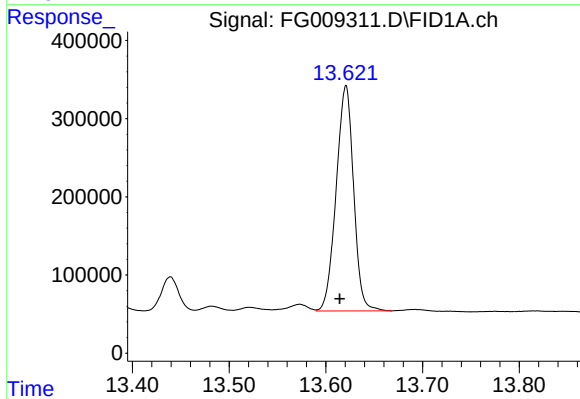
#6 N-OCTADECANE

R.T.: 11.108 min
Delta R.T.: 0.003 min
Response: 3752012
Conc: 23.06 ug/ml



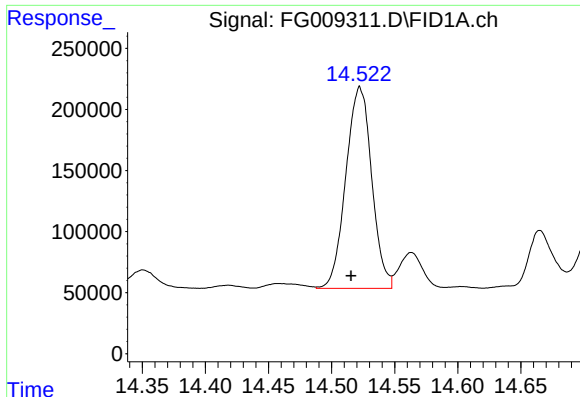
#7 N-EICOSANE

R.T.: 12.420 min
Delta R.T.: 0.005 min
Response: 3734694
Conc: 23.00 ug/ml



#8 N-DOCOSANE

R.T.: 13.621 min
Delta R.T.: 0.007 min
Response: 3612541
Conc: 22.69 ug/ml



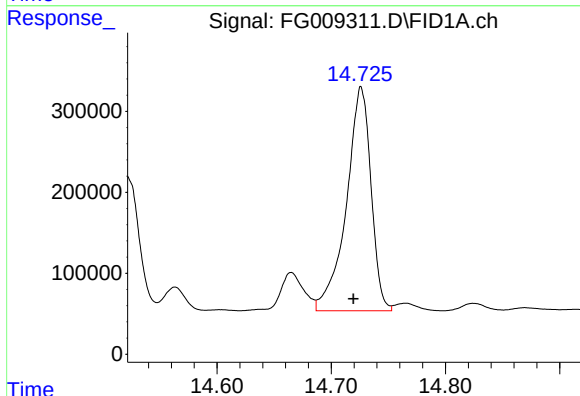
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.522 min
Delta R.T.: 0.007 min
Response: 2349773
Conc: 17.01 ug/ml

Instrument :
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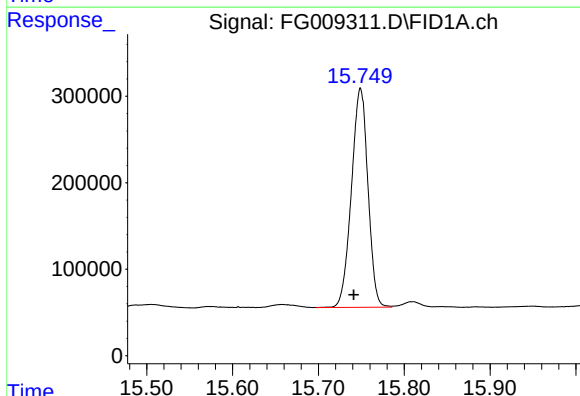
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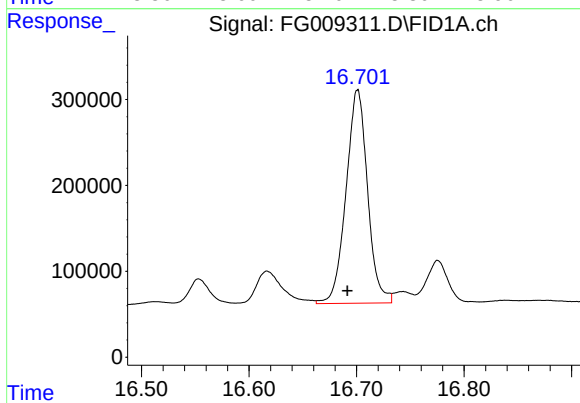
#10 N-TETRACOSANE

R.T.: 14.726 min
Delta R.T.: 0.007 min
Response: 4149684
Conc: 26.29 ug/ml



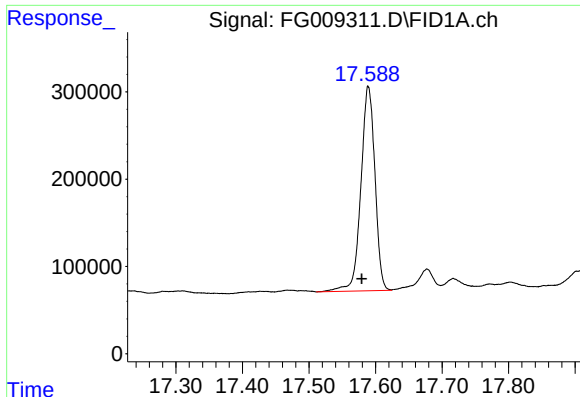
#11 N-HEXACOSANE

R.T.: 15.749 min
Delta R.T.: 0.008 min
Response: 3383593
Conc: 21.95 ug/ml



#12 N-OCTACOSANE

R.T.: 16.701 min
Delta R.T.: 0.009 min
Response: 3459341
Conc: 23.12 ug/ml



#13 N-TRIACONTANE

R.T.: 17.589 min
Delta R.T.: 0.010 min
Response: 3436505
Conc: 23.98 ug/ml

Instrument :

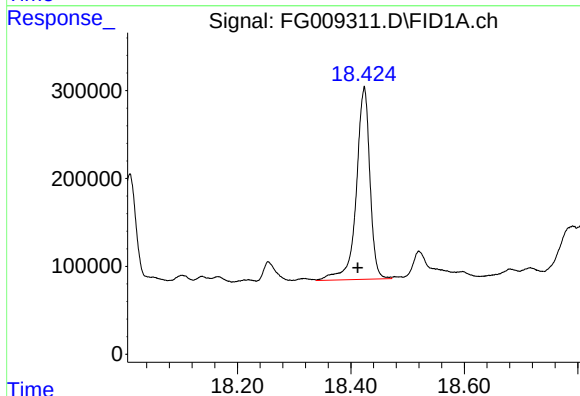
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ClientSampleId :

CS-4MSD

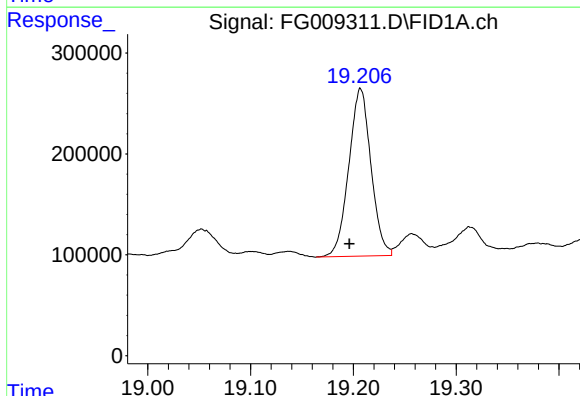
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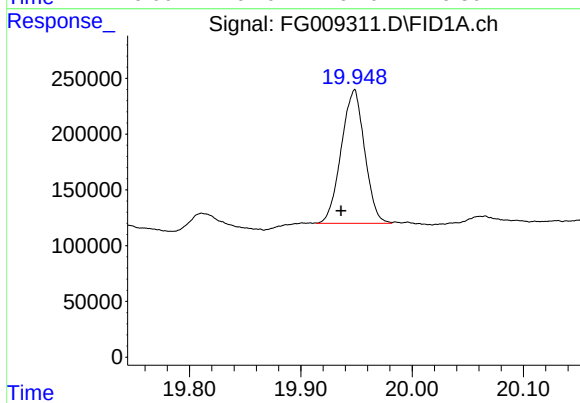
#14 N-DOTRIACONTANE

R.T.: 18.424 min
Delta R.T.: 0.011 min
Response: 3637020
Conc: 27.14 ug/ml



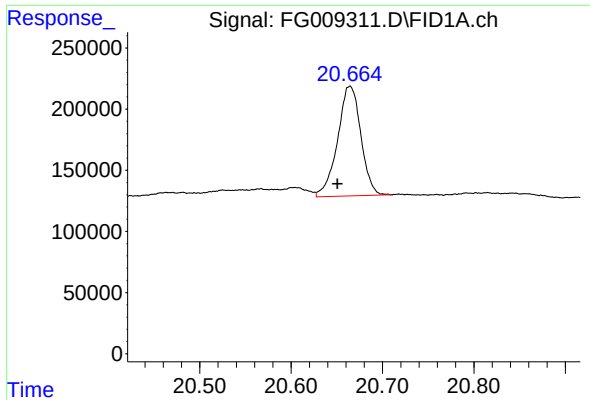
#15 N-TETRATRIACONTANE

R.T.: 19.207 min
Delta R.T.: 0.011 min
Response: 2490948
Conc: 19.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 19.948 min
Delta R.T.: 0.012 min
Response: 1747525
Conc: 15.12 ug/ml m



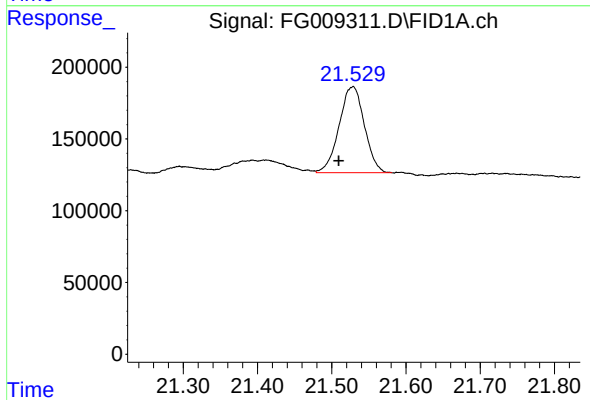
#17 N-OCTATRIACONTANE

R.T.: 20.664 min
Delta R.T.: 0.013 min
Response: 1584546
Conc: 14.40 ug/ml

Instrument :
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#18 N-TETRACONTANE

R.T.: 21.529 min
Delta R.T.: 0.019 min
Response: 1416573
Conc: 12.88 ug/ml