

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100522\
 Data File : FG010779.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2022 00:53
 Operator : YP\AJ
 Sample : N4955-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
 Quant Time: Oct 06 06:42:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 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...	14.740	2069688	17.060 ug/ml
Target Compounds			
1) N-OCTANE	1.772	121954	0.957 ug/mlm
2) N-DECANE	4.264	121331	0.932 ug/mlm
3) N-DODECANE	6.445	106427	0.802 ug/mlm
4) N-TETRADECANE	8.280	109832	0.819 ug/mlm
5) N-HEXADECANE	9.889	126569	0.913 ug/mlm
6) N-OCTADECANE	11.331	132303	0.939 ug/mlm
7) N-EICOSANE	12.639	128396	0.908 ug/mlm
8) N-DOCOSANE	13.837	131968	0.953 ug/mlm
10) N-TETRACOSANE	14.943	132185	0.959 ug/mlm
11) N-HEXACOSANE	15.969	127513	0.945 ug/mlm
12) N-OCTACOSANE	16.920	133771	1.020 ug/mlm
13) N-TRIACONTANE	17.808	140451	1.091 ug/mlm
14) N-DOTRIACONTANE	18.642	144962	1.141 ug/mlm
15) N-TETRATRIACONTANE	19.427	121022	0.964 ug/mlm
16) N-HEXATRIACONTANE	20.168	94479	0.785 ug/mlm
17) N-OCTATRIACONTANE	20.877	84372	0.686 ug/mlm
18) N-TETRACONTANE	21.701	71396	0.568 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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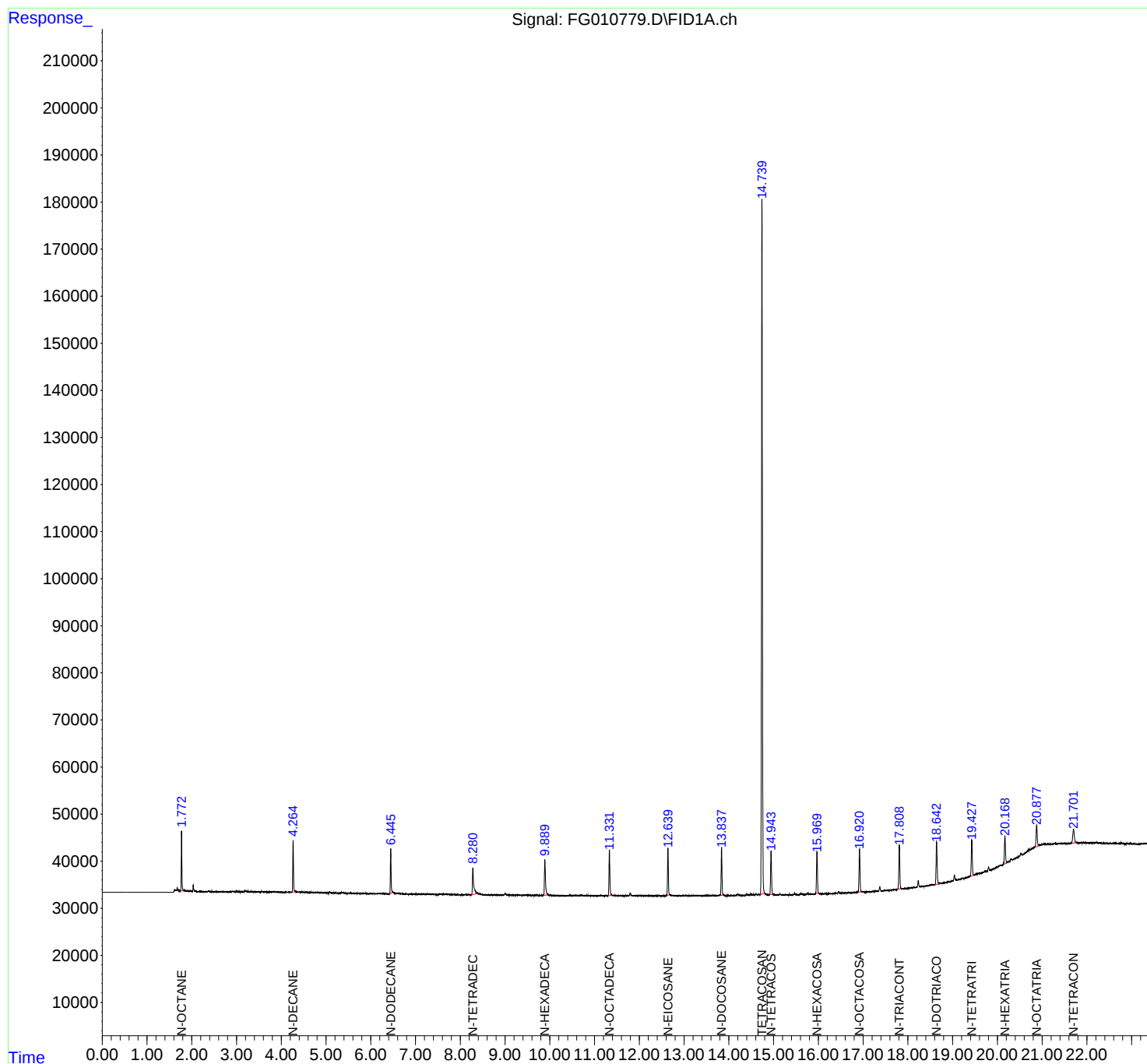
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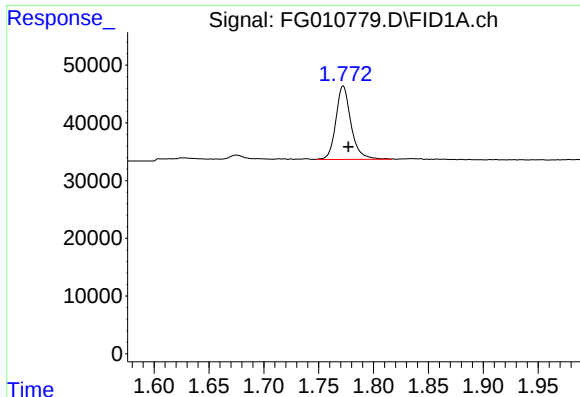
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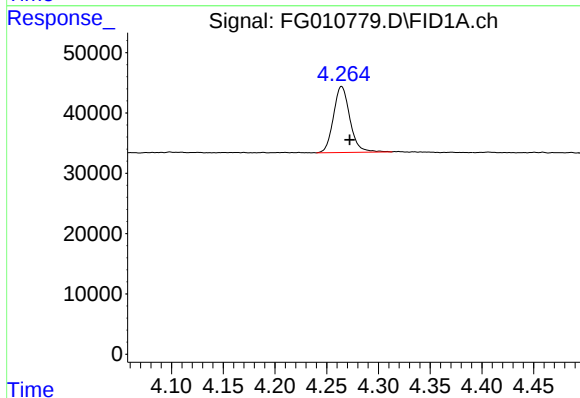
#1 N-OCTANE

R.T.: 1.772 min
Delta R.T.: -0.005 min
Response: 121954
Conc: 0.96 ug/ml

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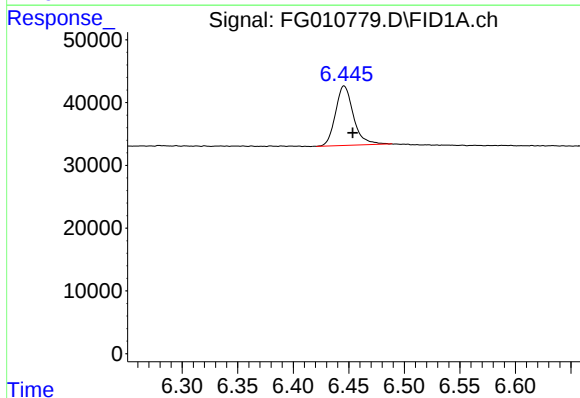
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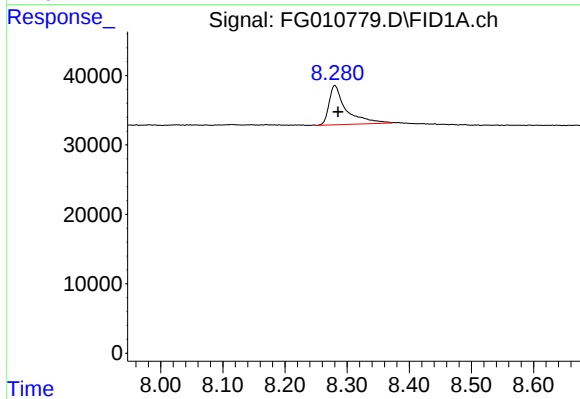
#2 N-DECANE

R.T.: 4.264 min
Delta R.T.: -0.008 min
Response: 121331
Conc: 0.93 ug/ml m



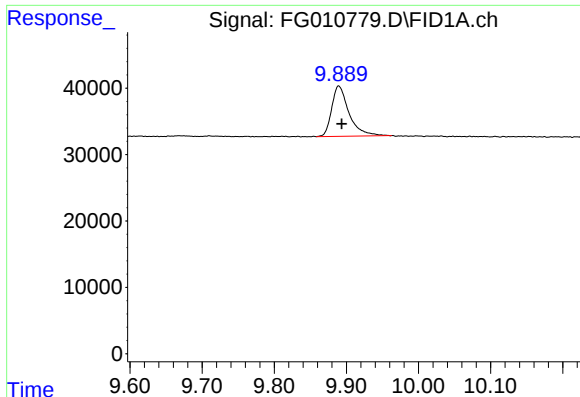
#3 N-DODECANE

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 106427
Conc: 0.80 ug/ml m



#4 N-TETRADECANE

R.T.: 8.280 min
Delta R.T.: -0.005 min
Response: 109832
Conc: 0.82 ug/ml m



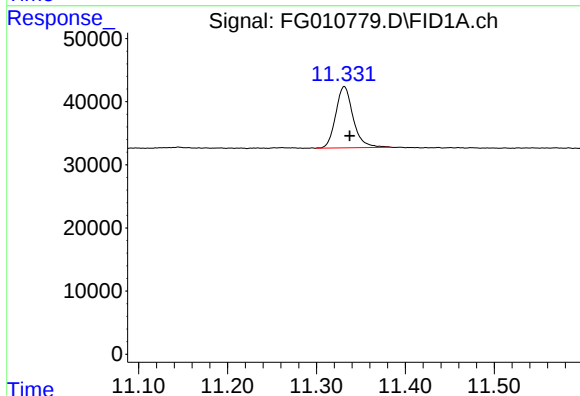
#5 N-HEXADECANE

R.T.: 9.889 min
Delta R.T.: -0.005 min
Response: 126569
Conc: 0.91 ug/ml

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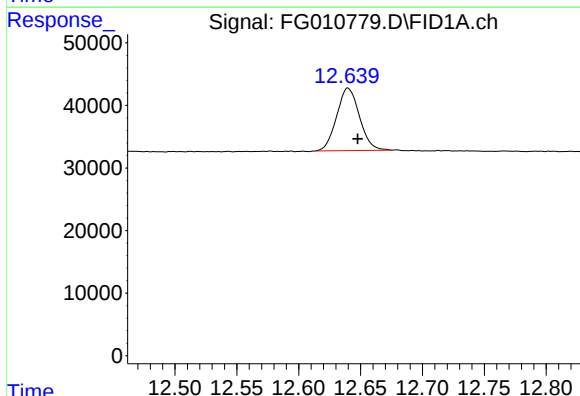
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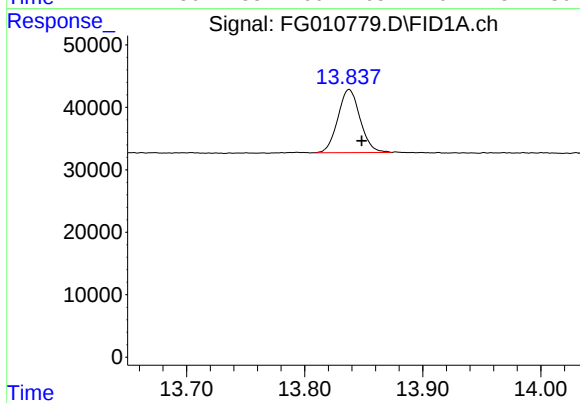
#6 N-OCTADECANE

R.T.: 11.331 min
Delta R.T.: -0.007 min
Response: 132303
Conc: 0.94 ug/ml m



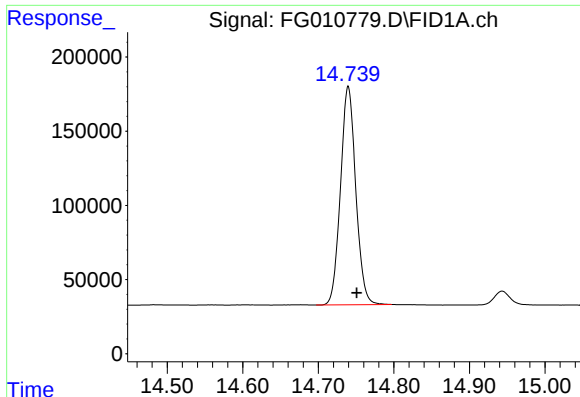
#7 N-EICOSANE

R.T.: 12.639 min
Delta R.T.: -0.009 min
Response: 128396
Conc: 0.91 ug/ml m



#8 N-DOCOSANE

R.T.: 13.837 min
Delta R.T.: -0.011 min
Response: 131968
Conc: 0.95 ug/ml m



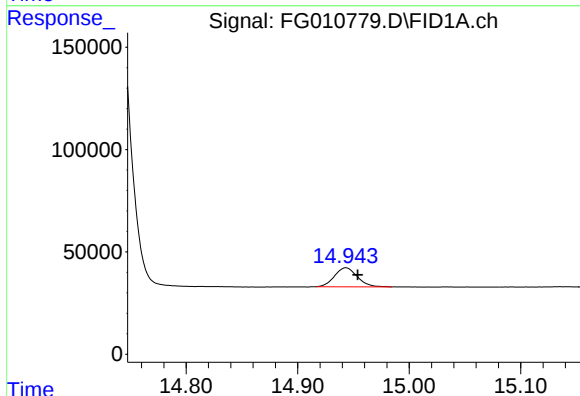
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.740 min
Delta R.T.: -0.011 min
Response: 2069688
Conc: 17.06 ug/ml

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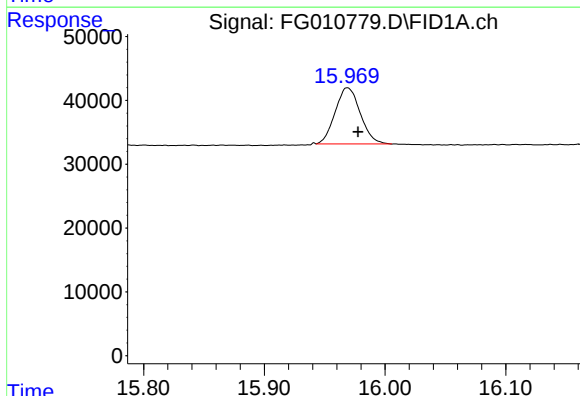
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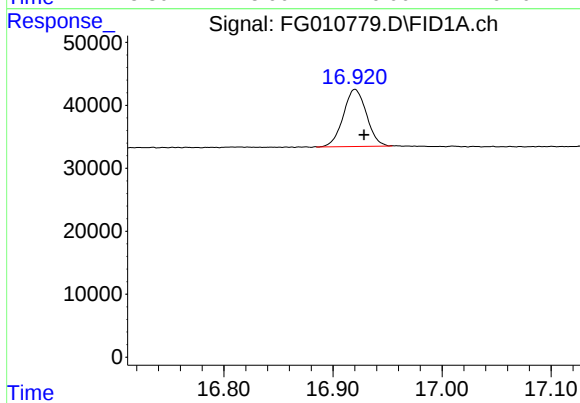
#10 N-TETRACOSANE

R.T.: 14.943 min
Delta R.T.: -0.011 min
Response: 132185
Conc: 0.96 ug/ml m



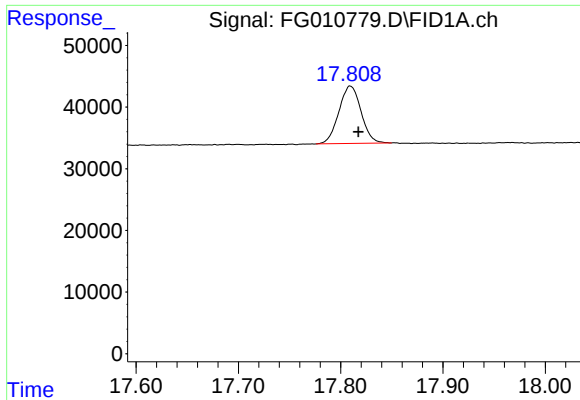
#11 N-HEXACOSANE

R.T.: 15.969 min
Delta R.T.: -0.009 min
Response: 127513
Conc: 0.95 ug/ml m



#12 N-OCTACOSANE

R.T.: 16.920 min
Delta R.T.: -0.008 min
Response: 133771
Conc: 1.02 ug/ml m



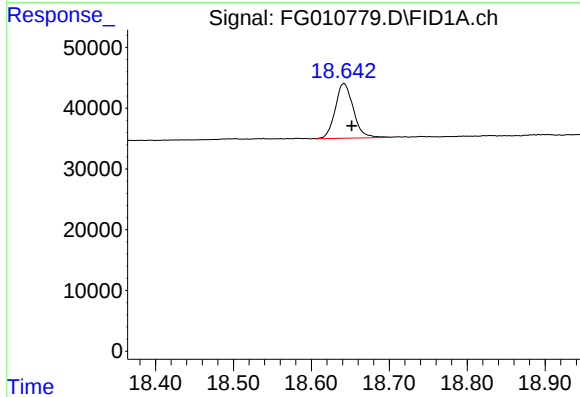
#13 N-TRIACONTANE

R.T.: 17.808 min
Delta R.T.: -0.009 min
Response: 140451
Conc: 1.09 ug/ml

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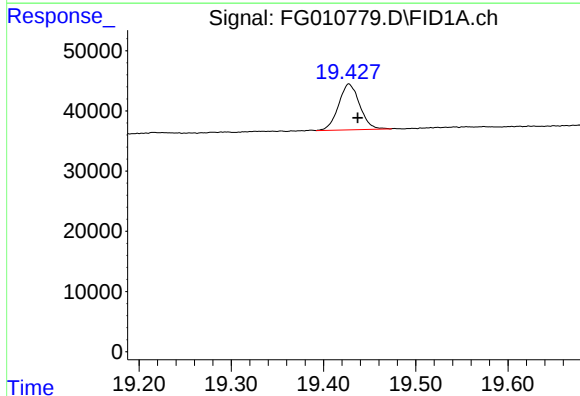
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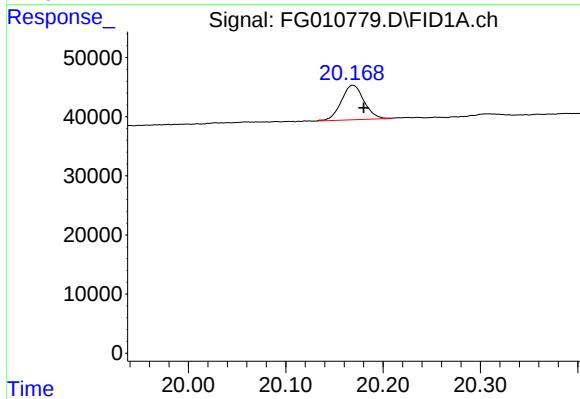
#14 N-DOTRIACONTANE

R.T.: 18.642 min
Delta R.T.: -0.010 min
Response: 144962
Conc: 1.14 ug/ml m



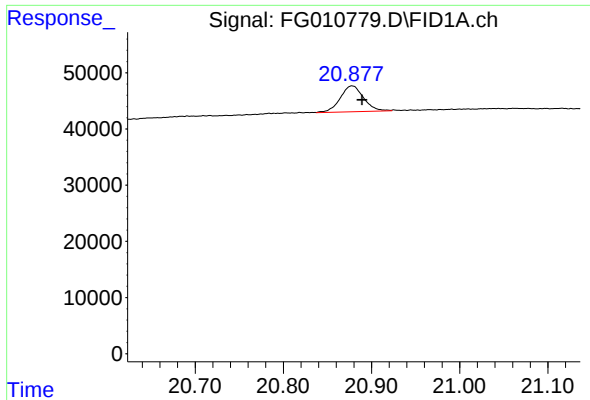
#15 N-TETRATRIACONTANE

R.T.: 19.427 min
Delta R.T.: -0.010 min
Response: 121022
Conc: 0.96 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.168 min
Delta R.T.: -0.012 min
Response: 94479
Conc: 0.78 ug/ml m



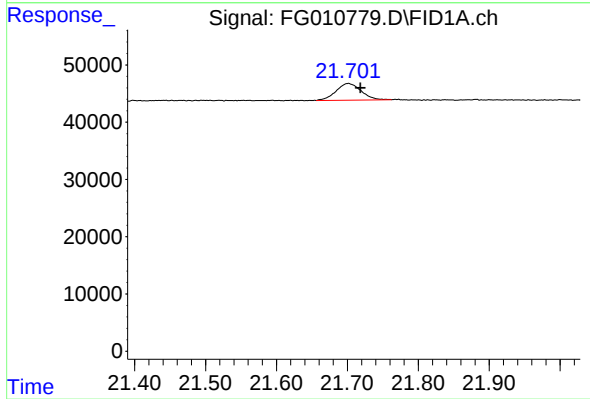
#17 N-OCTATRIACONTANE

R.T.: 20.877 min
Delta R.T.: -0.012 min
Response: 84372
Conc: 0.69 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.701 min
Delta R.T.: -0.017 min
Response: 71396
Conc: 0.57 ug/ml m