

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325\
 Data File : FG015142.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jan 2025 19:29
 Operator : YP\AJ
 Sample : Q1168-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 24 04:06:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Mon Jan 13 11:52:01 2025
 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...	15.046	2074959	16.176 ug/ml
Target Compounds			
1) N-OCTANE	2.011	107950	0.885 ug/mlm
2) N-DECANE	4.541	119708	0.927 ug/mlm
3) N-DODECANE	6.721	124604	0.915 ug/mlm
4) N-TETRADECANE	8.558	126456	0.924 ug/mlm
5) N-HEXADECANE	10.172	130282	0.923 ug/mlm
6) N-OCTADECANE	11.622	133059	0.907 ug/mlm
7) N-EICOSANE	12.938	133538	0.919 ug/mlm
8) N-DOCOSANE	14.141	130191	0.907 ug/mlm
10) N-TETRACOSANE	15.250	130562	0.914 ug/mlm
11) N-HEXACOSANE	16.273	123245	0.875 ug/mlm
12) N-OCTACOSANE	17.225	128382	0.917 ug/mlm
13) N-TRIACONTANE	18.116	139691	0.982 ug/mlm
14) N-DOTRIACONTANE	18.950	139357	1.003 ug/mlm
15) N-TETRATRIACONTANE	19.735	117666	0.939 ug/mlm
16) N-HEXATRIACONTANE	20.479	94937	0.879 ug/mlm
17) N-OCTATRIACONTANE	21.228	81680	0.828 ug/mlm
18) N-TETRACONTANE	22.166	60514	0.652 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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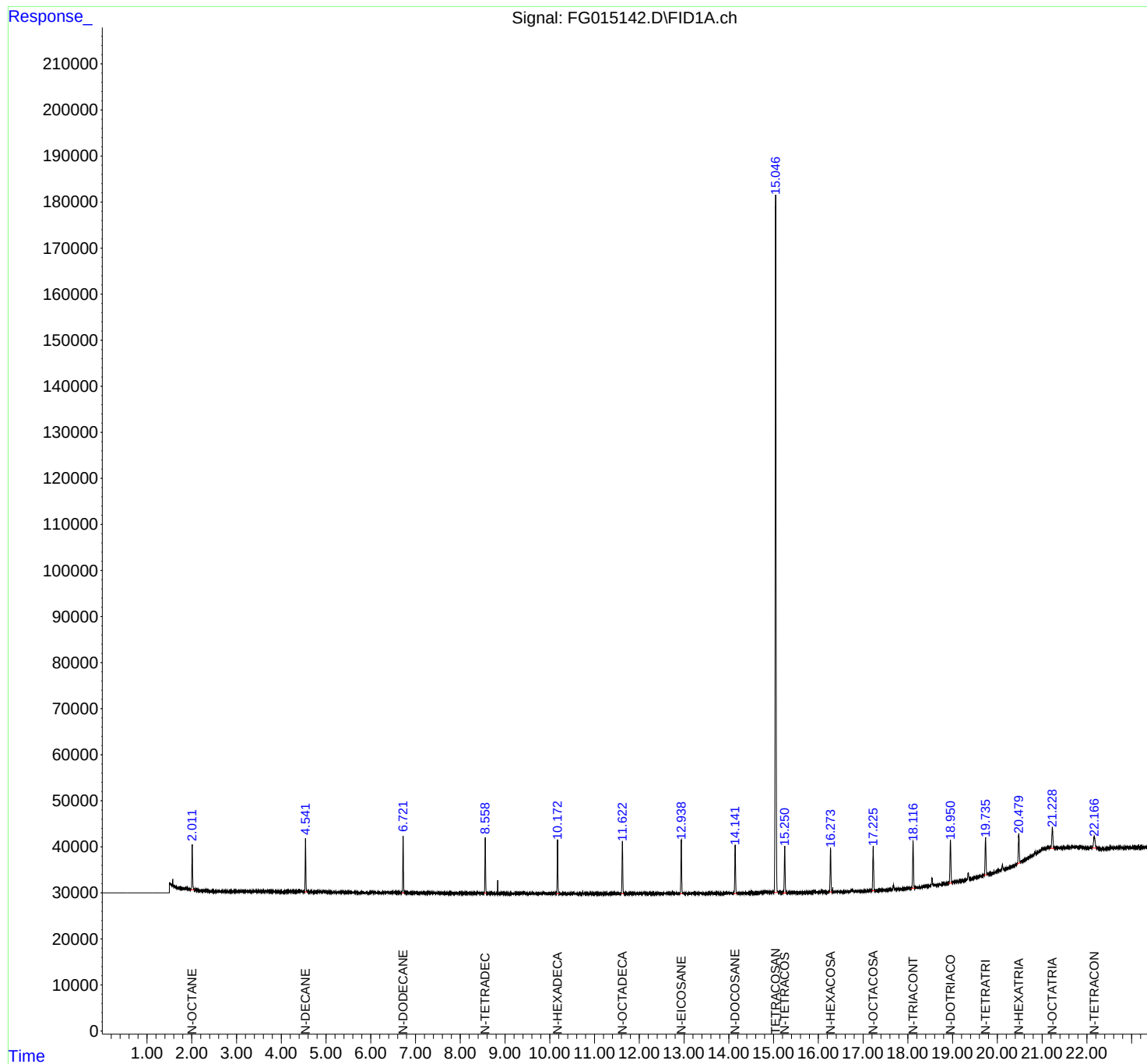
Instrument :
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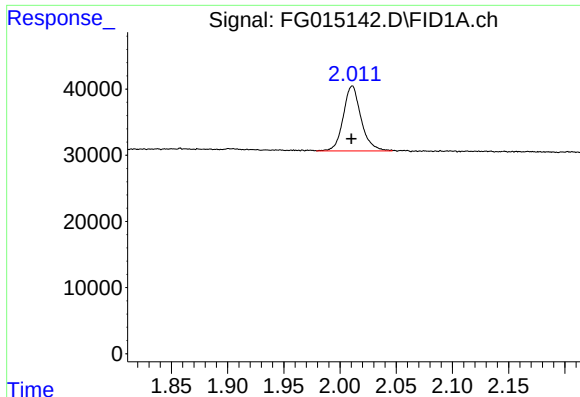
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QLast Update : Mon Jan 13 11:52:01 2025
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Integrator: ChemStation

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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um





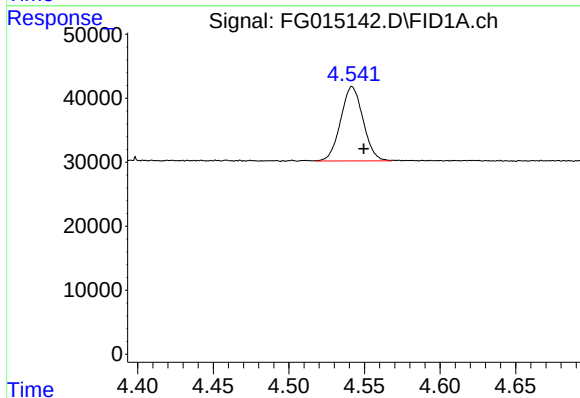
#1 N-OCTANE

R.T.: 2.011 min
Delta R.T.: 0.000 min
Response: 107950
Conc: 0.88 ug/ml

Instrument :
FID_G
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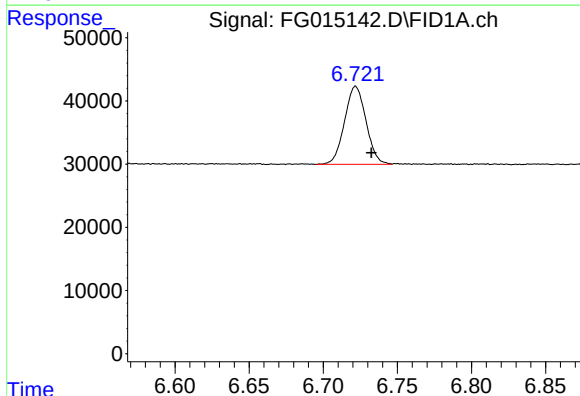
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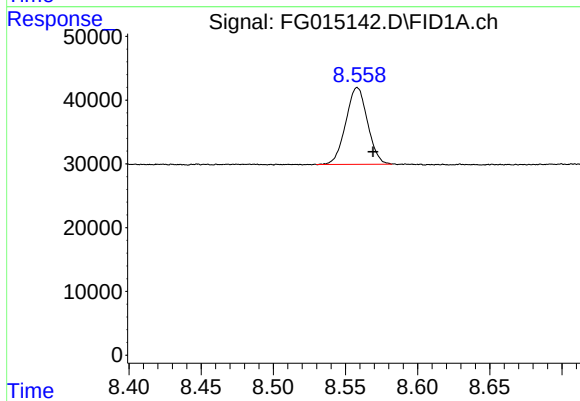
#2 N-DECANE

R.T.: 4.541 min
Delta R.T.: -0.008 min
Response: 119708
Conc: 0.93 ug/ml m



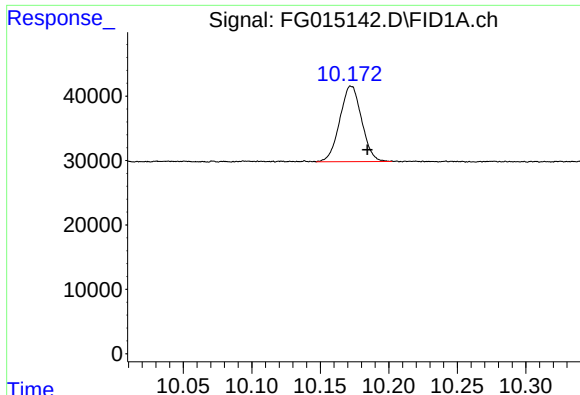
#3 N-DODECANE

R.T.: 6.721 min
Delta R.T.: -0.011 min
Response: 124604
Conc: 0.91 ug/ml m



#4 N-TETRADECANE

R.T.: 8.558 min
Delta R.T.: -0.011 min
Response: 126456
Conc: 0.92 ug/ml m



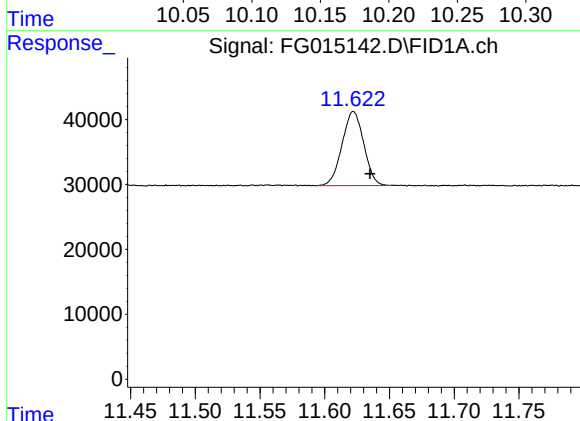
#5 N-HEXADECANE

R.T.: 10.172 min
Delta R.T.: -0.013 min
Response: 130282
Conc: 0.92 ug/ml

Instrument :
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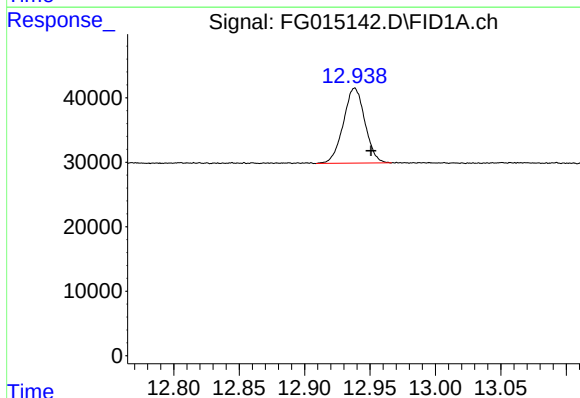
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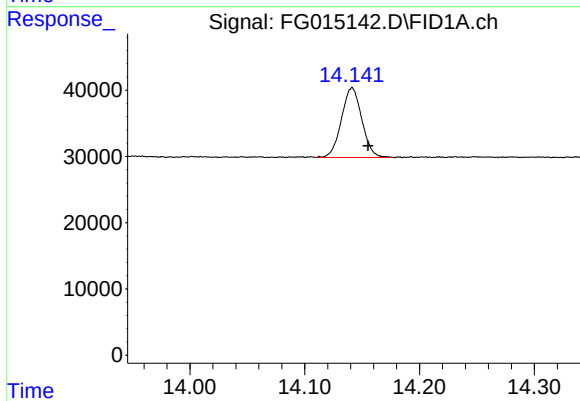
#6 N-OCTADECANE

R.T.: 11.622 min
Delta R.T.: -0.013 min
Response: 133059
Conc: 0.91 ug/ml m



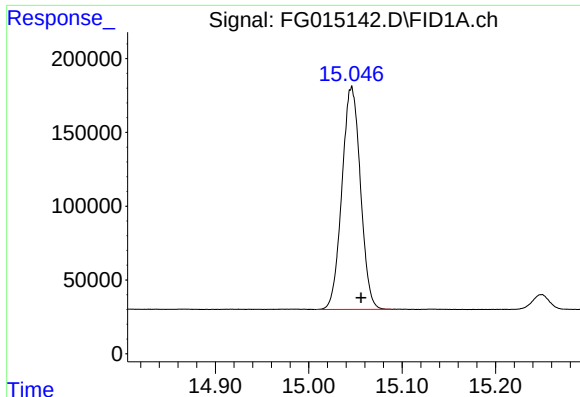
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: -0.013 min
Response: 133538
Conc: 0.92 ug/ml m



#8 N-DOCOSANE

R.T.: 14.141 min
Delta R.T.: -0.014 min
Response: 130191
Conc: 0.91 ug/ml m



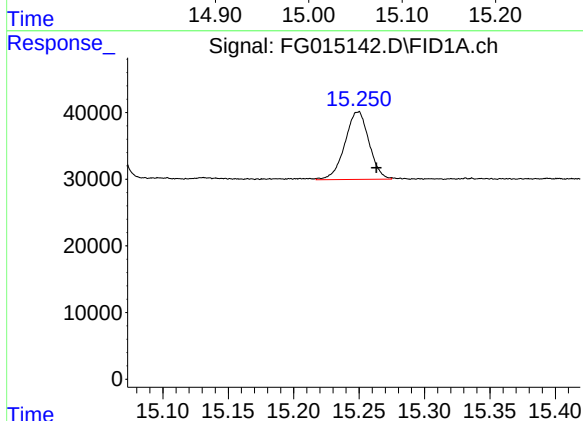
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.046 min
Delta R.T.: -0.010 min
Response: 2074959
Conc: 16.18 ug/ml

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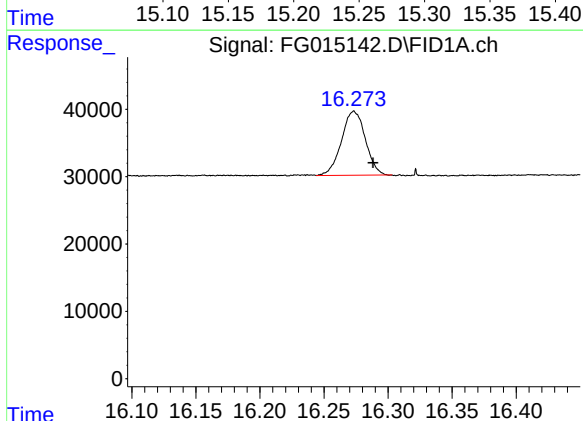
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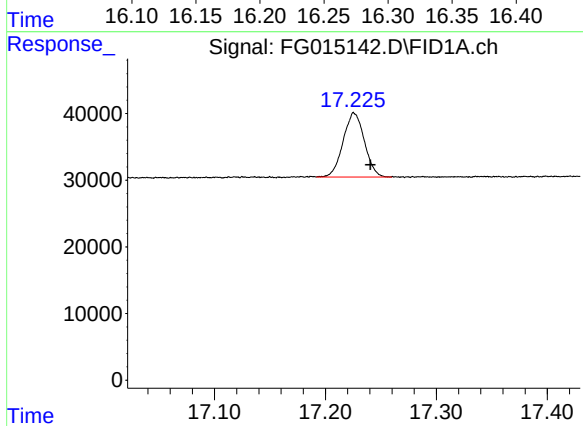
#10 N-TETRACOSANE

R.T.: 15.250 min
Delta R.T.: -0.013 min
Response: 130562
Conc: 0.91 ug/ml m



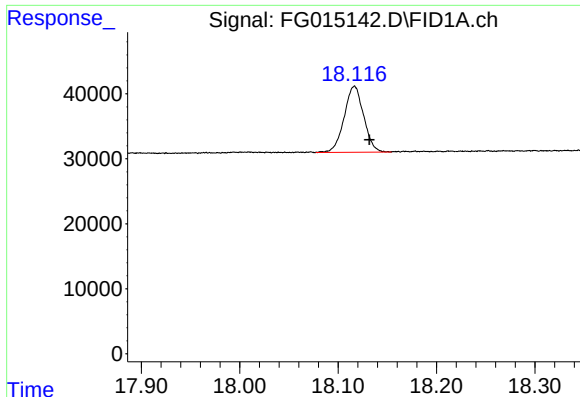
#11 N-HEXACOSANE

R.T.: 16.273 min
Delta R.T.: -0.015 min
Response: 123245
Conc: 0.88 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.225 min
Delta R.T.: -0.016 min
Response: 128382
Conc: 0.92 ug/ml m



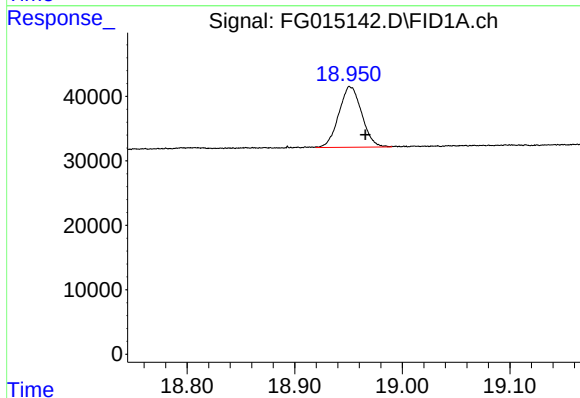
#13 N-TRIACONTANE

R.T.: 18.116 min
Delta R.T.: -0.015 min
Response: 139691
Conc: 0.98 ug/ml

Instrument :
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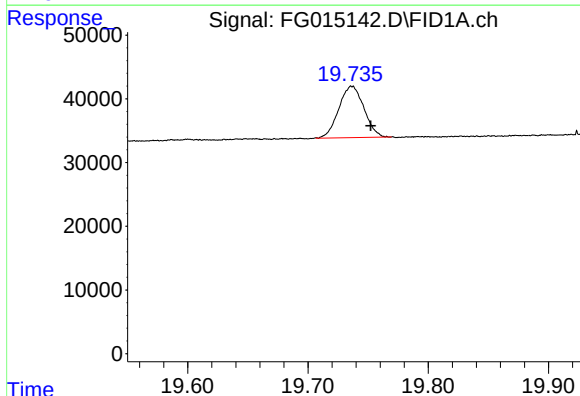
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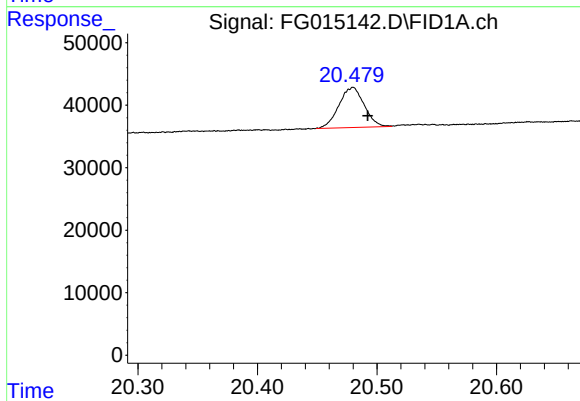
#14 N-DOTRIACONTANE

R.T.: 18.950 min
Delta R.T.: -0.016 min
Response: 139357
Conc: 1.00 ug/ml m



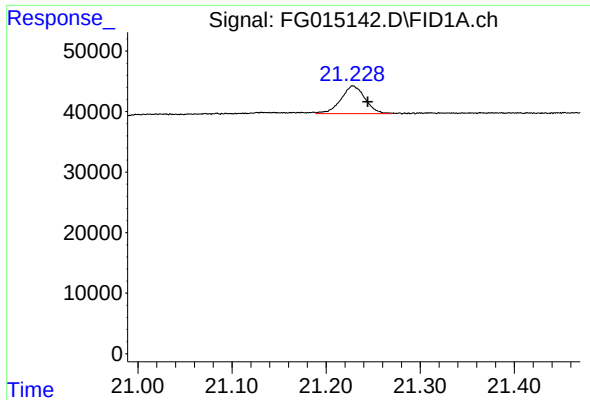
#15 N-TETRATRIACONTANE

R.T.: 19.735 min
Delta R.T.: -0.017 min
Response: 117666
Conc: 0.94 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.479 min
Delta R.T.: -0.013 min
Response: 94937
Conc: 0.88 ug/ml m



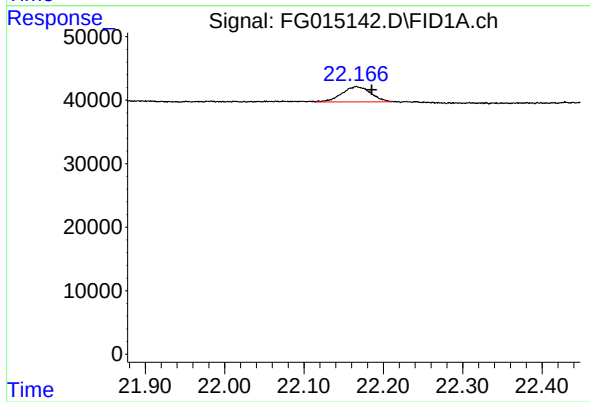
#17 N-OCTATRIACONTANE

R.T.: 21.228 min
Delta R.T.: -0.016 min
Response: 81680
Conc: 0.83 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.166 min
Delta R.T.: -0.019 min
Response: 60514
Conc: 0.65 ug/ml m