

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101024\
 Data File : FG014394.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2024 16:10
 Operator : YP\AJ
 Sample : P4368-04
 Misc : 1 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-04-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 02:47:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 2024
 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...	14.916	1399125	11.299 ug/ml
Target Compounds			
1) N-OCTANE	1.943	135120	1.073 ug/ml
2) N-DECANE	4.433	135086	1.147 ug/ml
3) N-DODECANE	6.606	104748	0.895 ug/ml
4) N-TETRADECANE	8.504f	129587	1.067 ug/mlm
5) N-HEXADECANE	10.077	127474	1.001 ug/ml
6) N-OCTADECANE	11.509	144930	1.084 ug/ml
7) N-EICOSANE	12.815	149114	1.073 ug/ml
8) N-DOCOSANE	14.013	159062	1.160 ug/ml
10) N-TETRACOSANE	15.123	173730	1.260 ug/ml
11) N-HEXACOSANE	16.151	170257	1.232 ug/ml
12) N-OCTACOSANE	17.099	186031	1.358 ug/mlm
13) N-TRIACONTANE	17.989	213027	1.536 ug/ml
14) N-DOTRIACONTANE	18.822	235962	1.731 ug/ml
15) N-TETRATRIACONTANE	19.608	201488	1.531 ug/mlm
16) N-HEXATRIACONTANE	20.349	155654	1.216 ug/mlm
17) N-OCTATRIACONTANE	21.081	120498	1.053 ug/ml
18) N-TETRACONTANE	21.977	180137	1.678 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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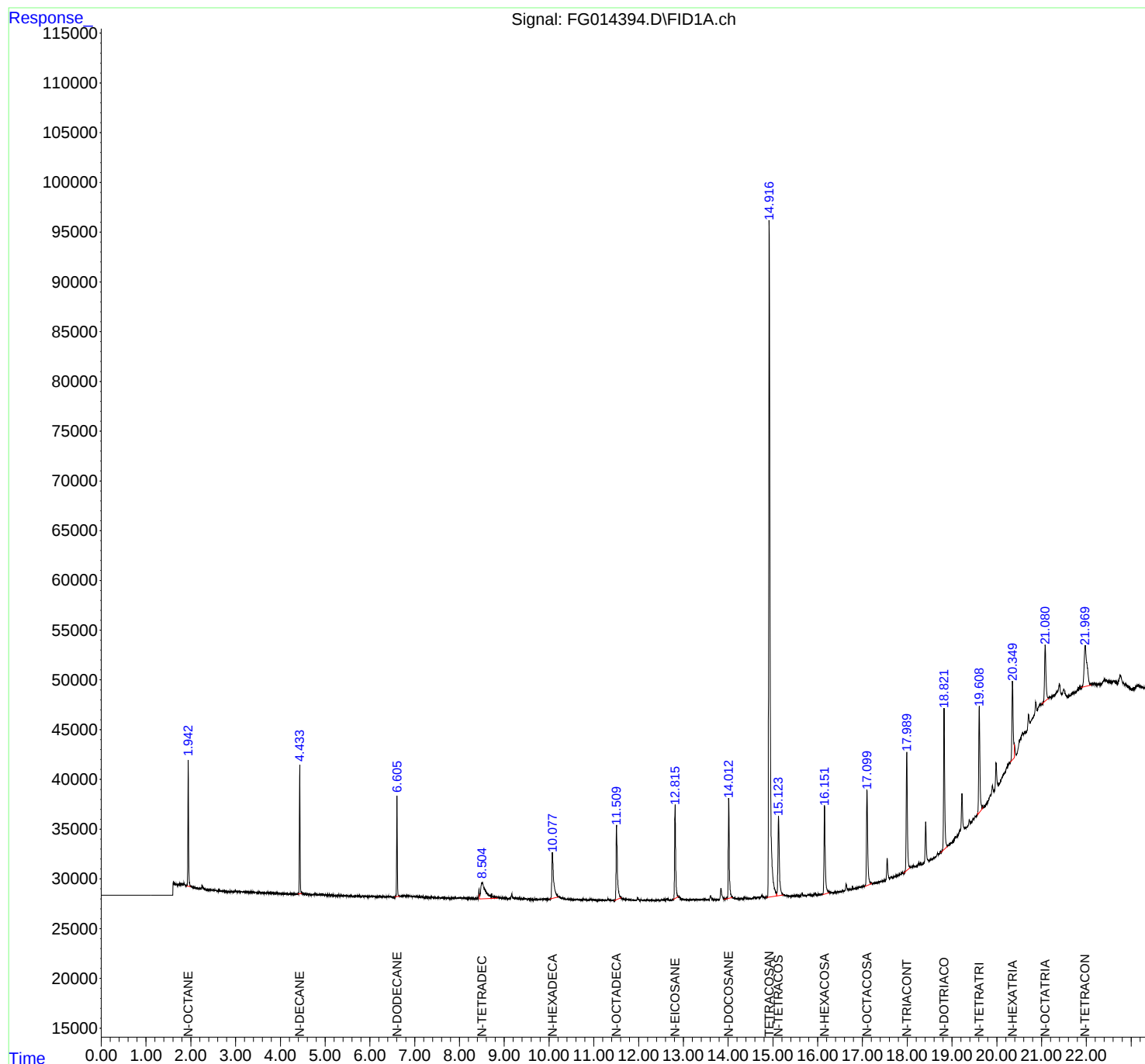
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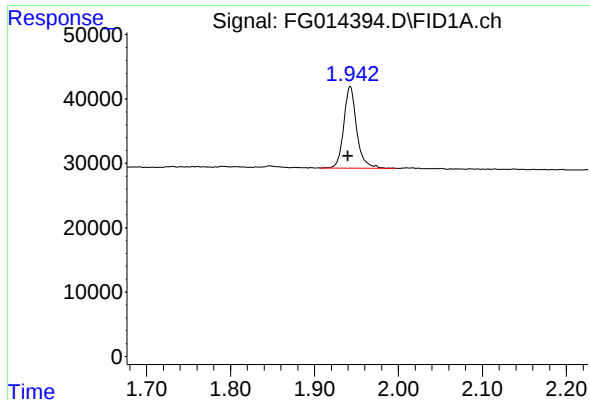
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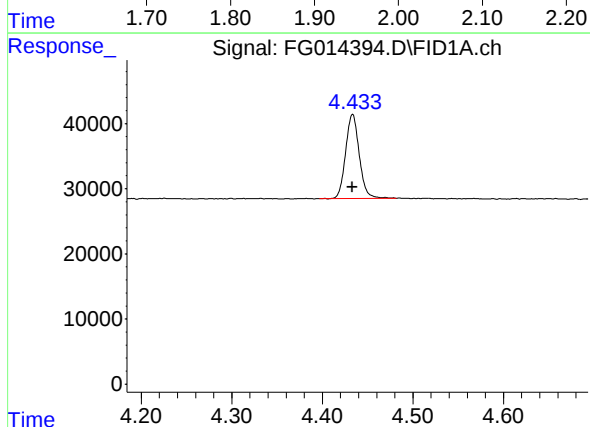
#1 N-OCTANE

R.T.: 1.943 min
Delta R.T.: 0.003 min
Response: 135120
Conc: 1.07 ug/ml

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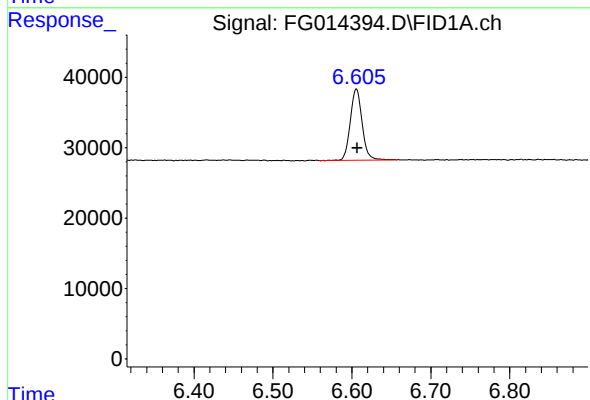
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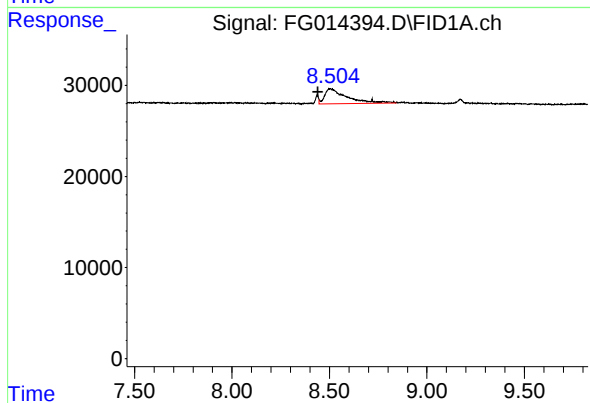
#2 N-DECANE

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 135086
Conc: 1.15 ug/ml



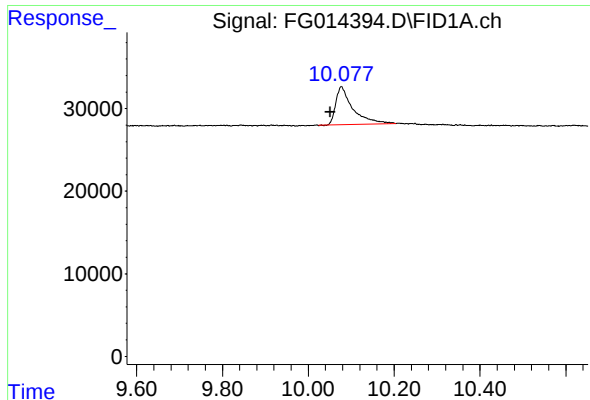
#3 N-DODECANE

R.T.: 6.606 min
Delta R.T.: -0.001 min
Response: 104748
Conc: 0.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.504 min
Delta R.T.: 0.063 min
Response: 129587
Conc: 1.07 ug/ml m



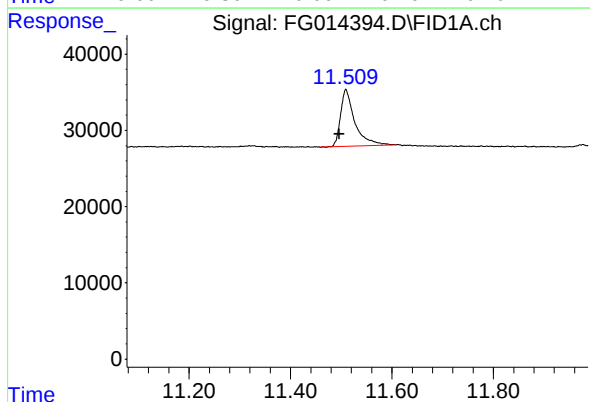
#5 N-HEXADECANE

R.T.: 10.077 min
Delta R.T.: 0.026 min
Response: 127474
Conc: 1.00 ug/ml

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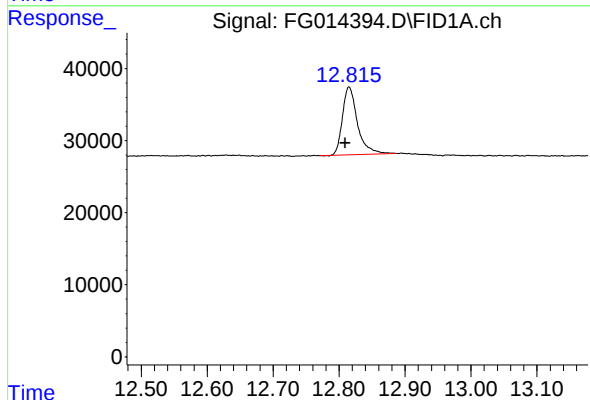
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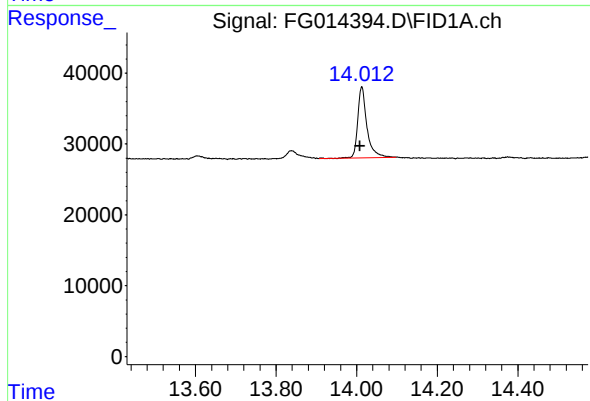
#6 N-OCTADECANE

R.T.: 11.509 min
Delta R.T.: 0.013 min
Response: 144930
Conc: 1.08 ug/ml



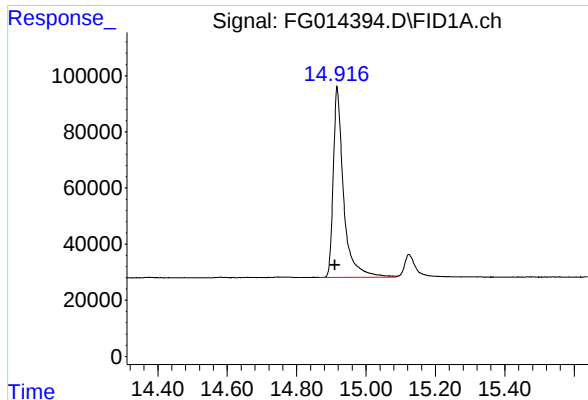
#7 N-EICOSANE

R.T.: 12.815 min
Delta R.T.: 0.006 min
Response: 149114
Conc: 1.07 ug/ml



#8 N-DOCOSANE

R.T.: 14.013 min
Delta R.T.: 0.004 min
Response: 159062
Conc: 1.16 ug/ml



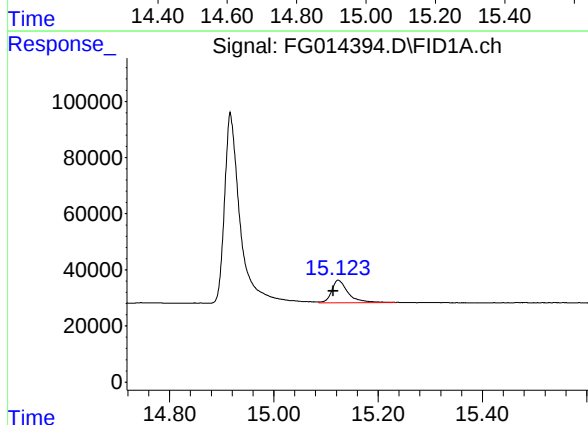
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.916 min
Delta R.T.: 0.006 min
Response: 1399125
Conc: 11.30 ug/ml

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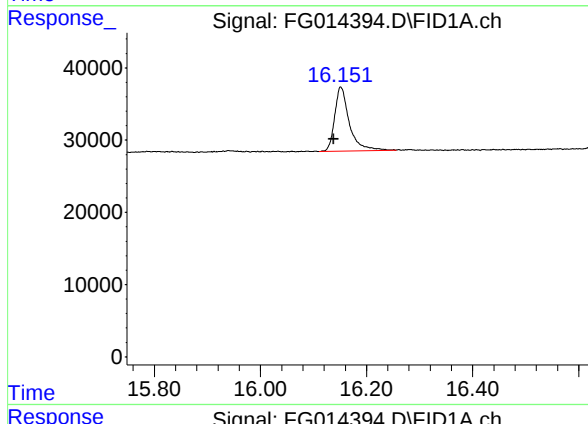
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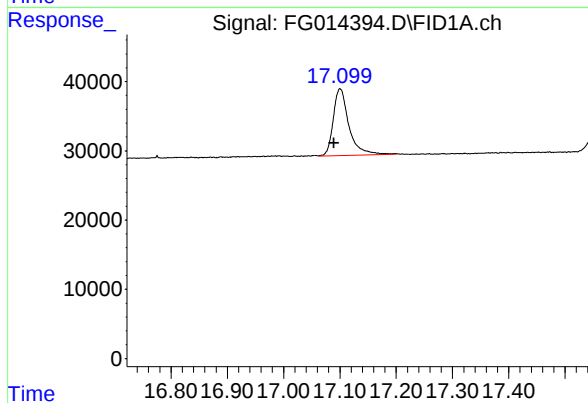
#10 N-TETRACOSANE

R.T.: 15.123 min
Delta R.T.: 0.009 min
Response: 173730
Conc: 1.26 ug/ml



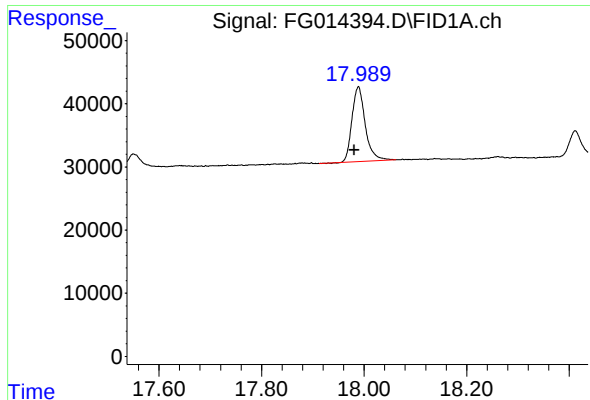
#11 N-HEXACOSANE

R.T.: 16.151 min
Delta R.T.: 0.013 min
Response: 170257
Conc: 1.23 ug/ml



#12 N-OCTACOSANE

R.T.: 17.099 min
Delta R.T.: 0.009 min
Response: 186031
Conc: 1.36 ug/ml m



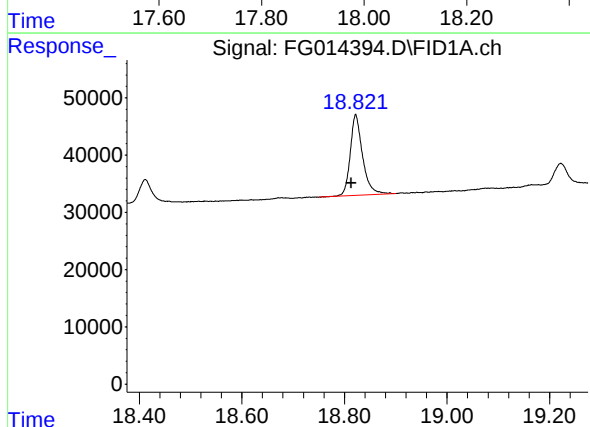
#13 N-TRIACONTANE

R.T.: 17.989 min
Delta R.T.: 0.008 min
Response: 213027
Conc: 1.54 ug/ml

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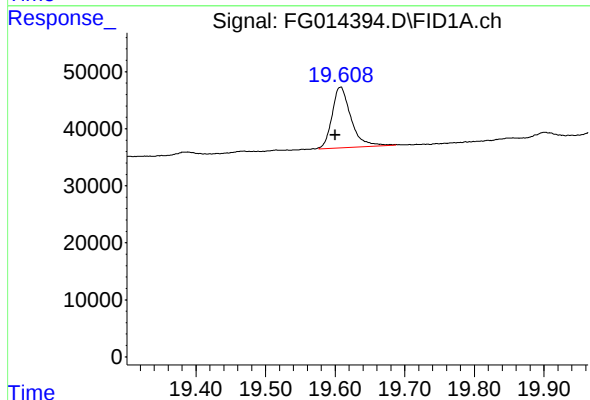
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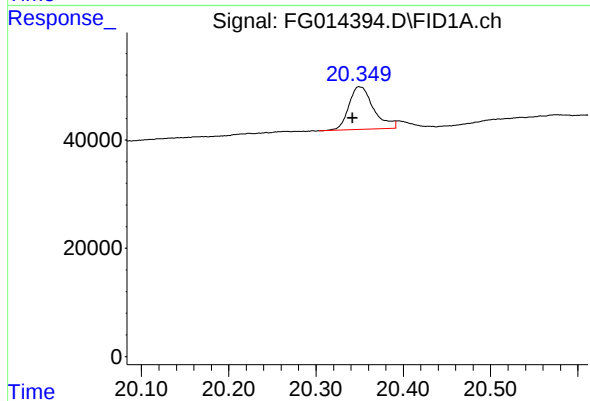
#14 N-DOTRIACONTANE

R.T.: 18.822 min
Delta R.T.: 0.008 min
Response: 235962
Conc: 1.73 ug/ml



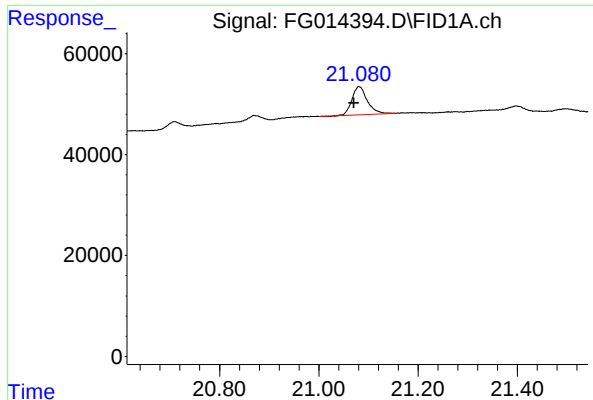
#15 N-TETRATRIACONTANE

R.T.: 19.608 min
Delta R.T.: 0.008 min
Response: 201488
Conc: 1.53 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.349 min
Delta R.T.: 0.007 min
Response: 155654
Conc: 1.22 ug/ml m



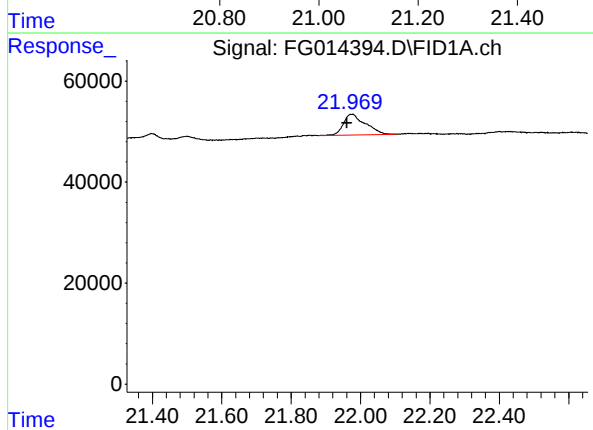
#17 N-OCTATRIACONTANE

R.T.: 21.081 min
Delta R.T.: 0.010 min
Response: 120498
Conc: 1.05 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.977 min
Delta R.T.: 0.016 min
Response: 180137
Conc: 1.68 ug/ml